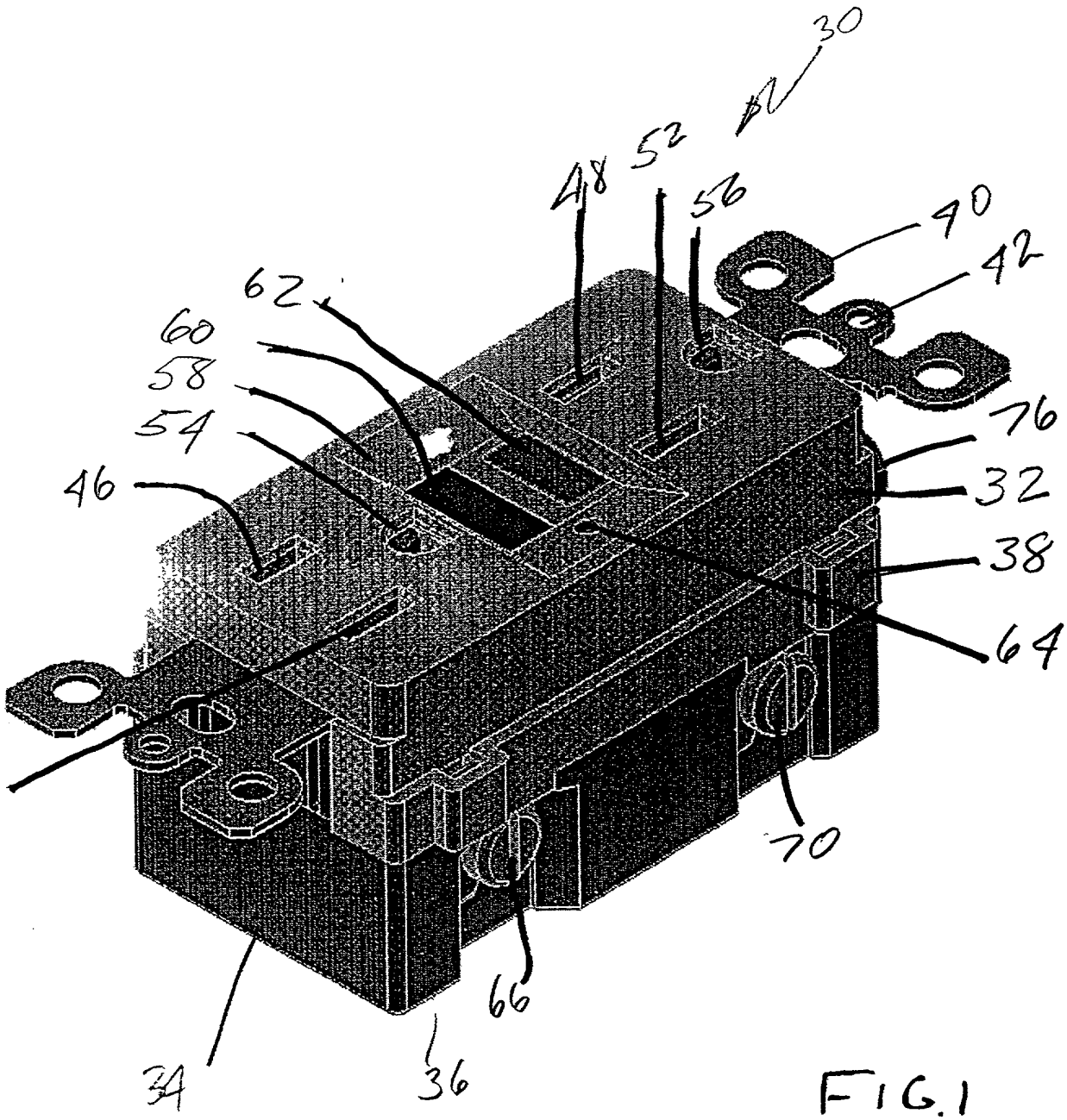

FIG. 1

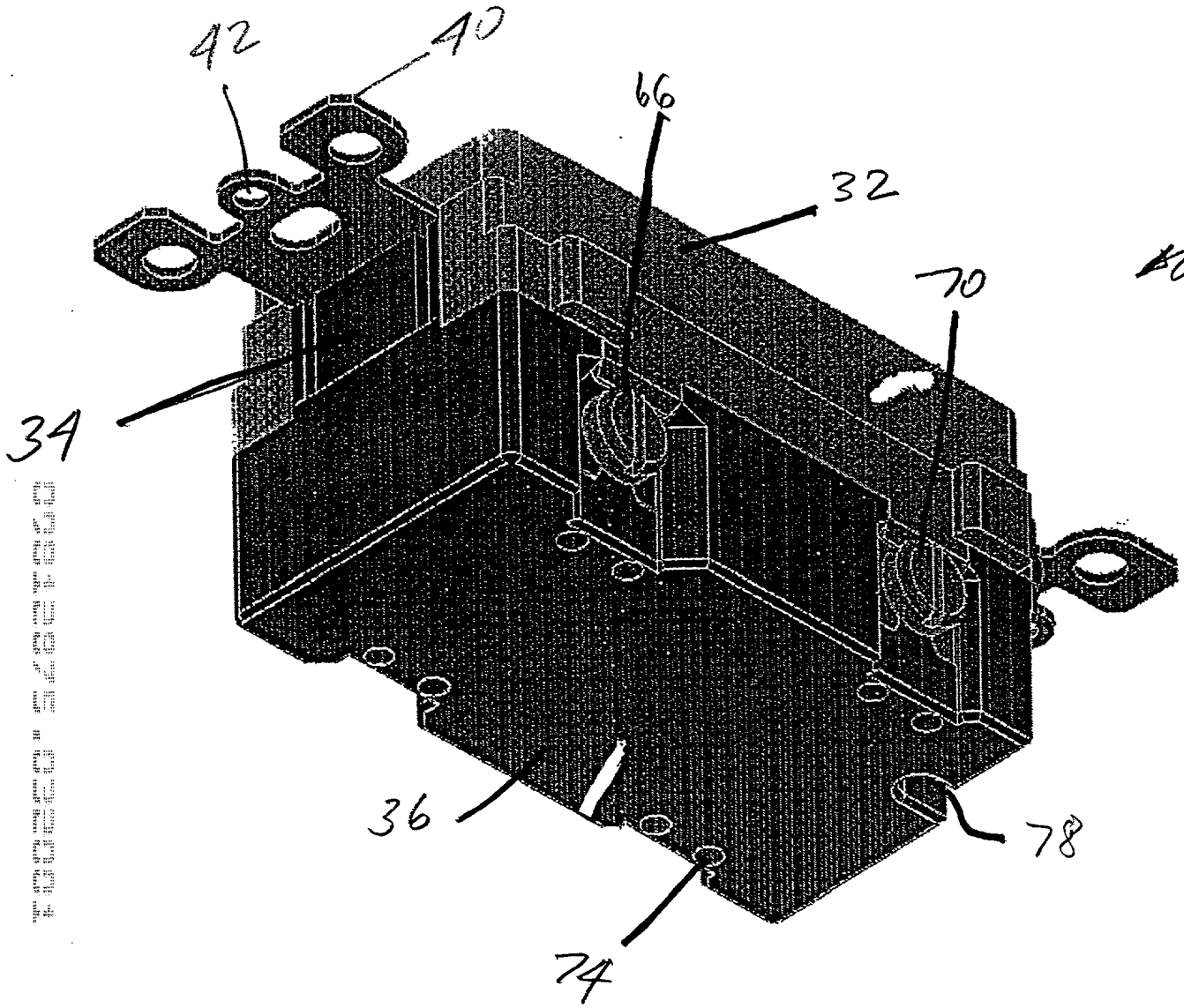

FIG. 2

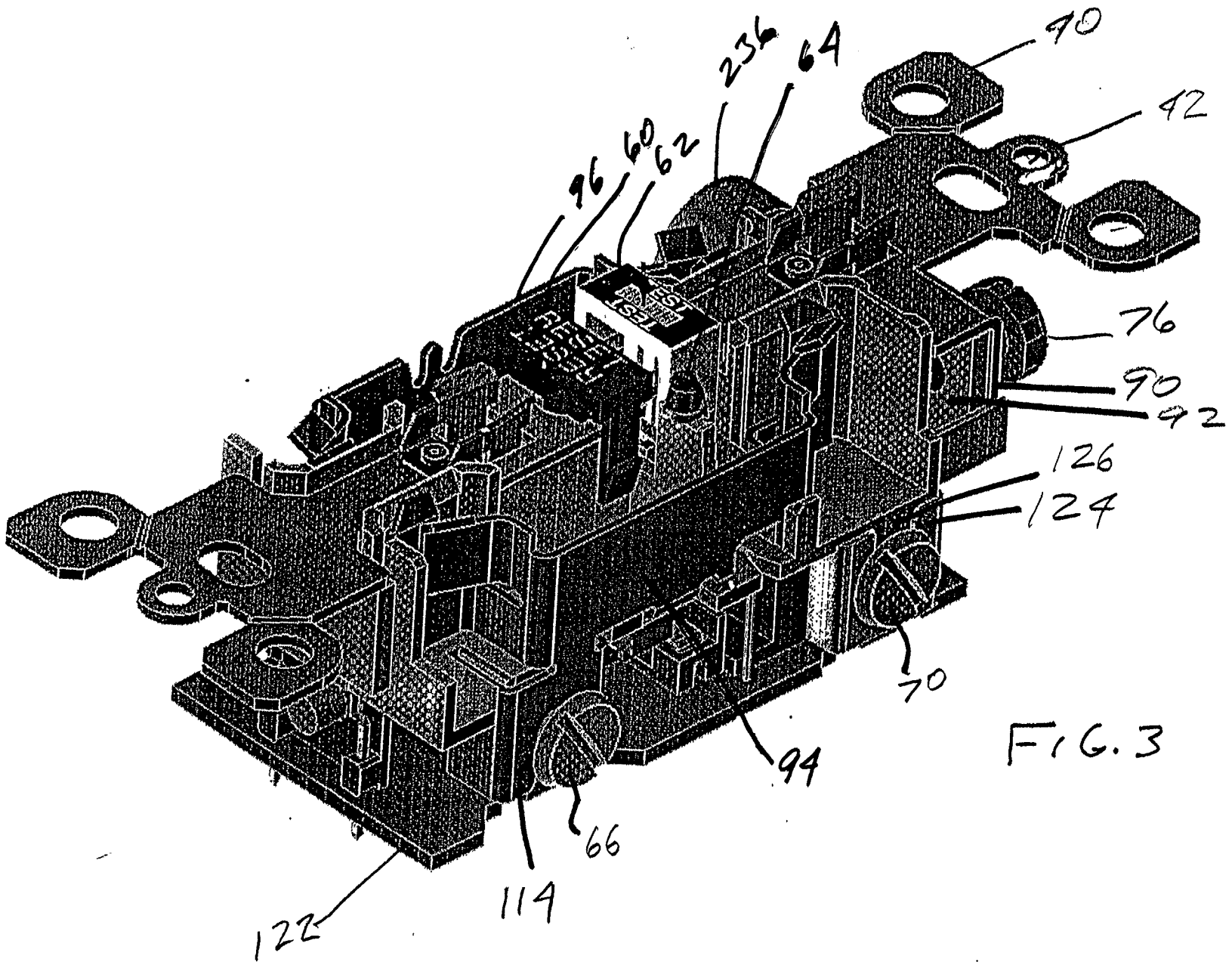

FIG. 3

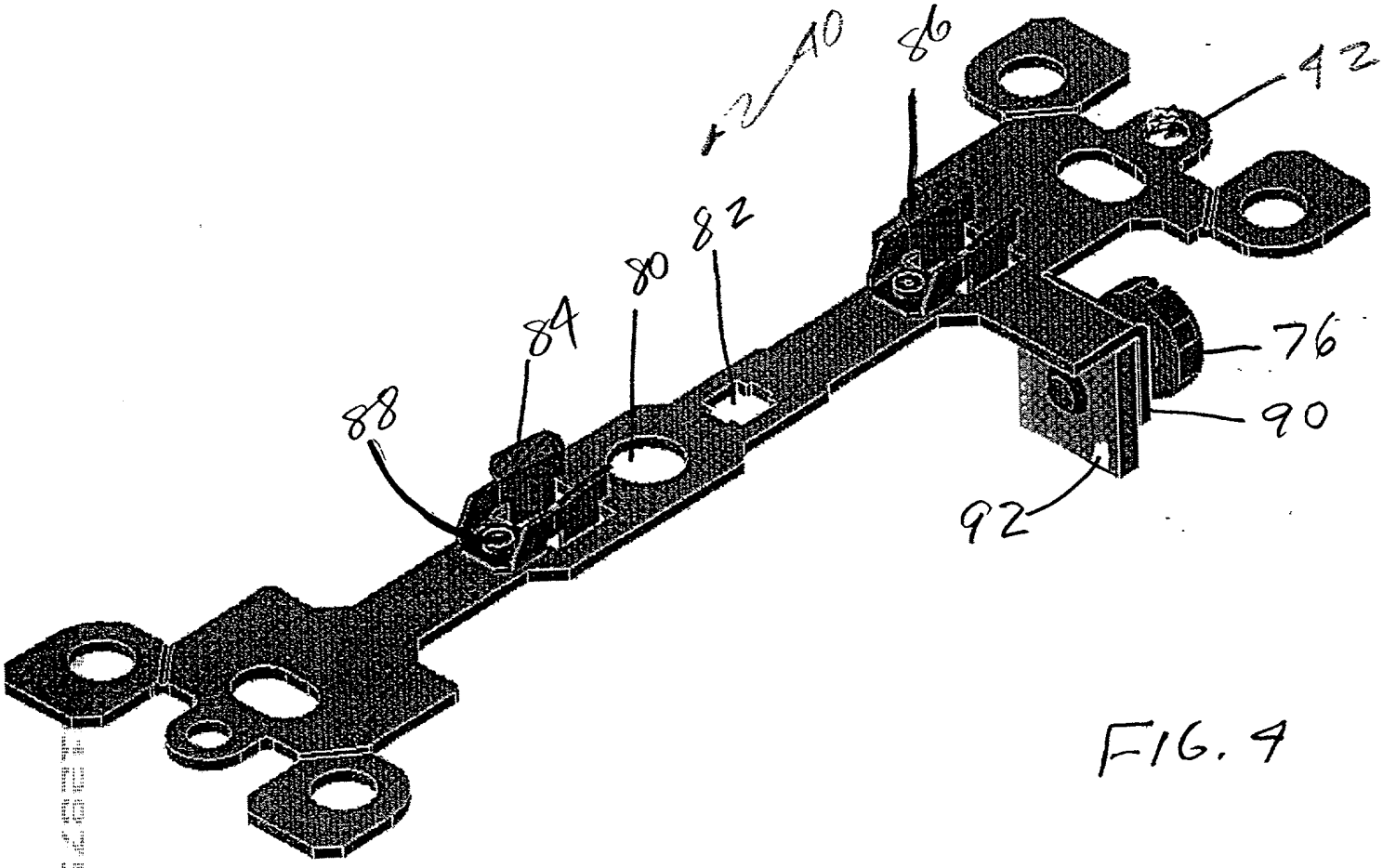

FIG. 4

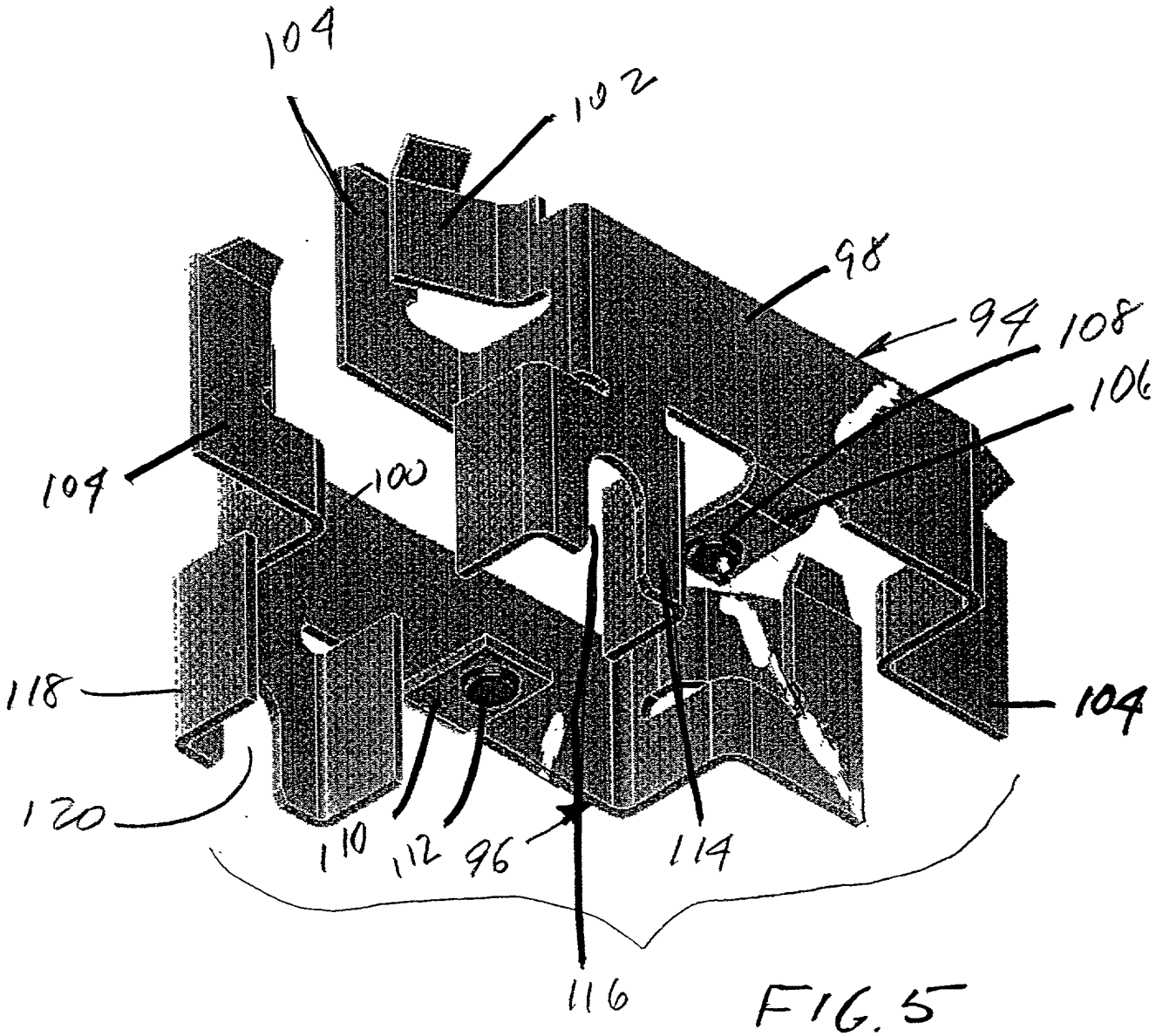

FIG. 5

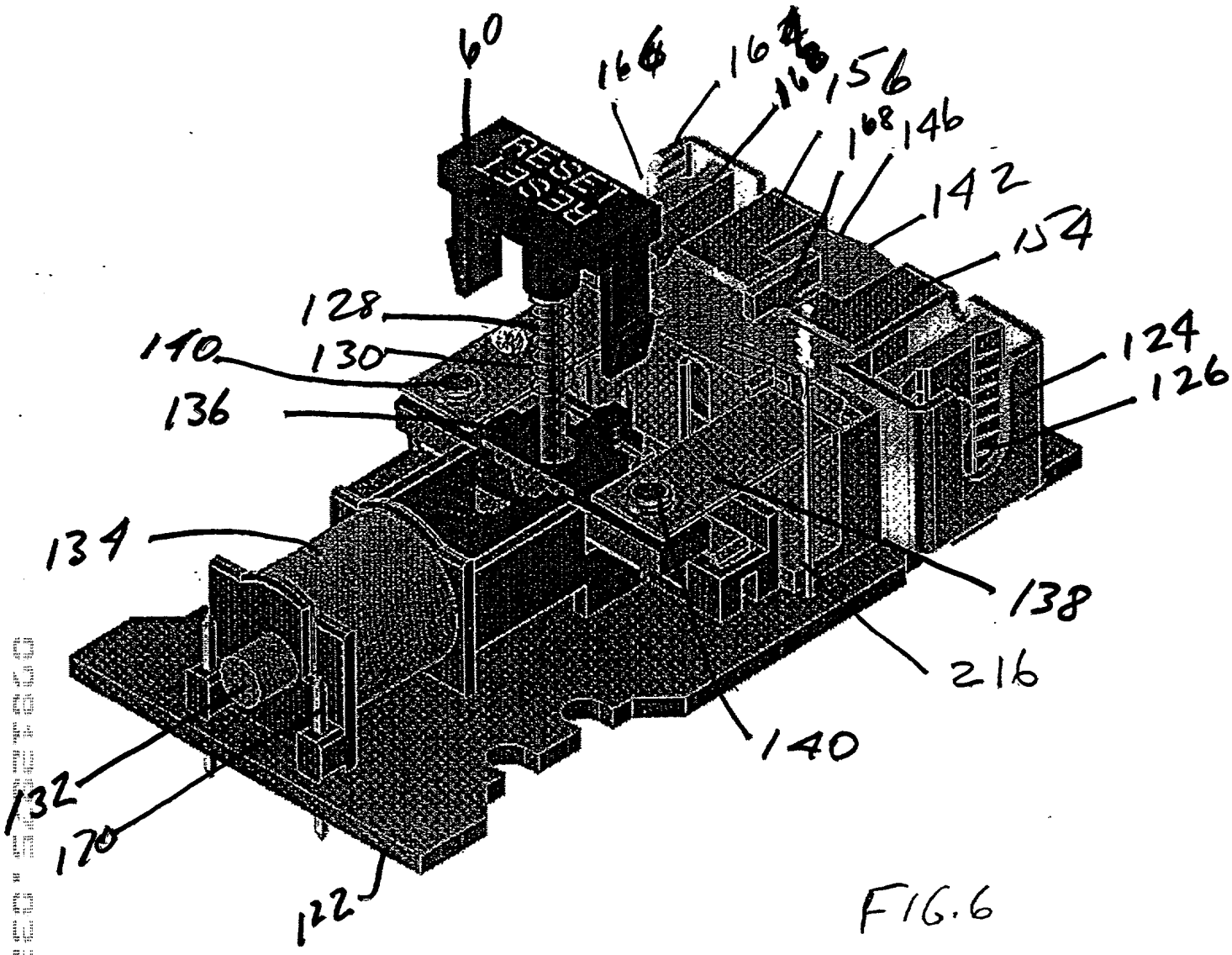
60
164
166
168
156
168
146
142
154
128
130
140
136
124
126
134
138
216
140
132
170
122

FIG. 6

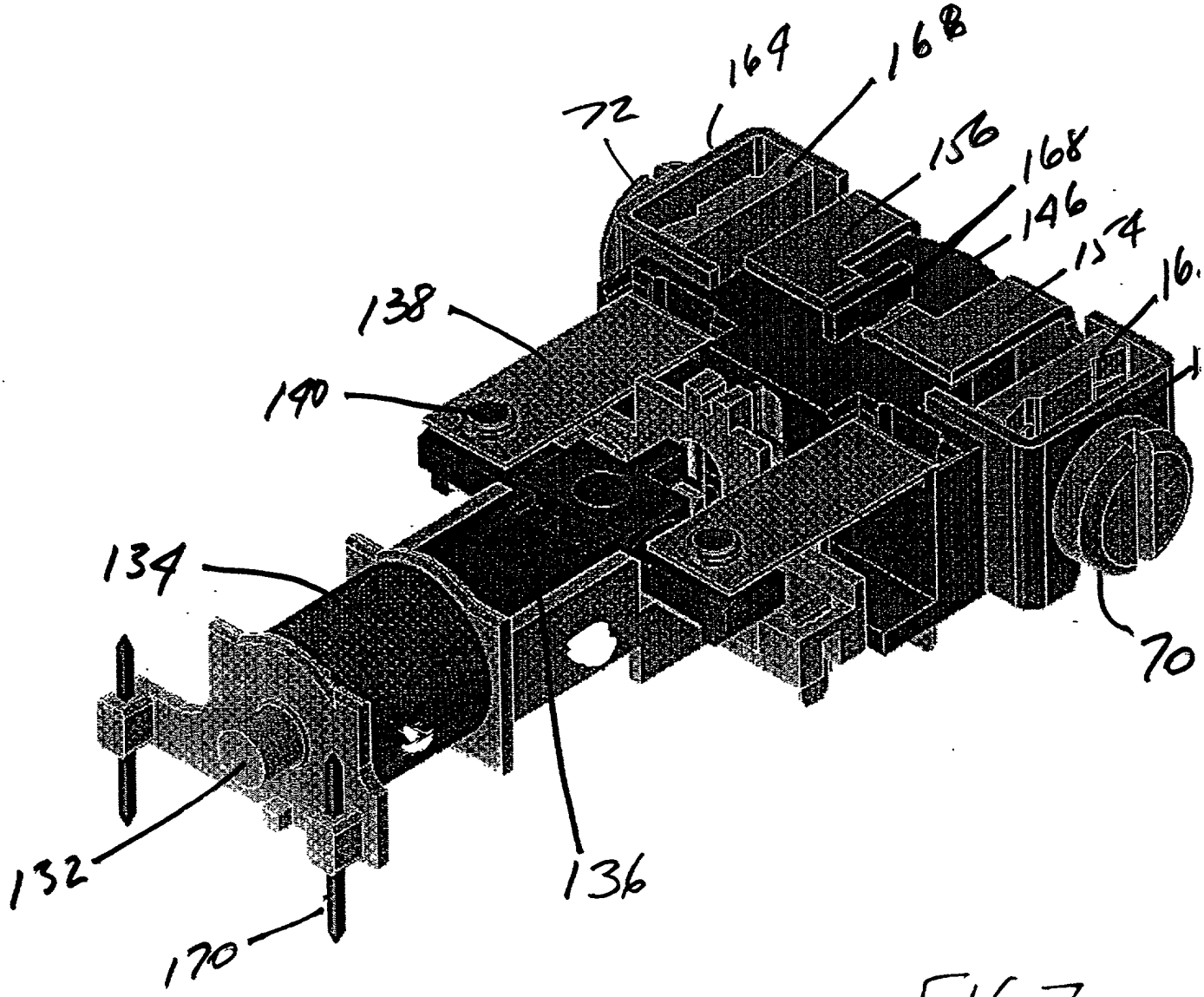

FIG. 7

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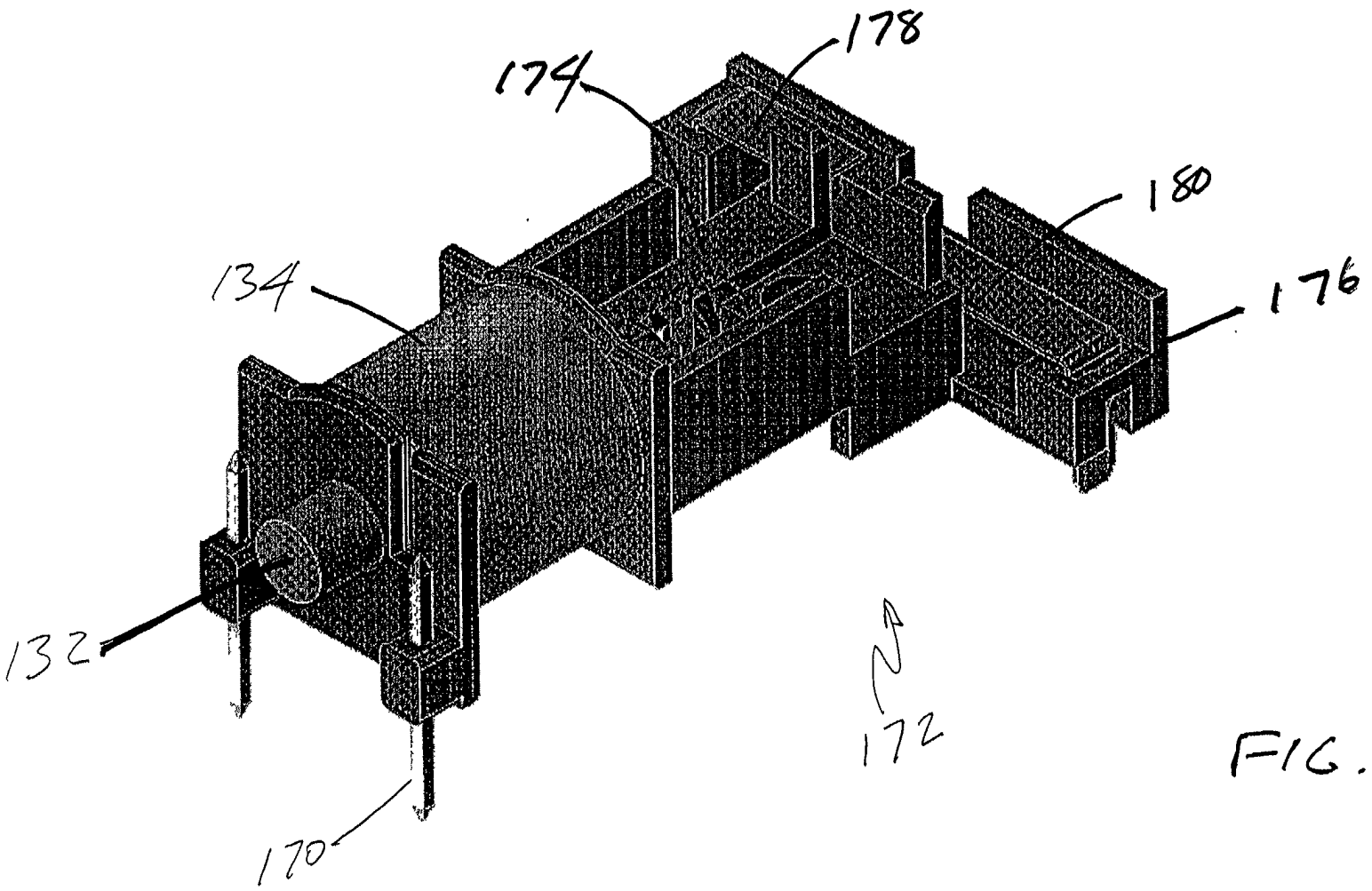

FIG. 8

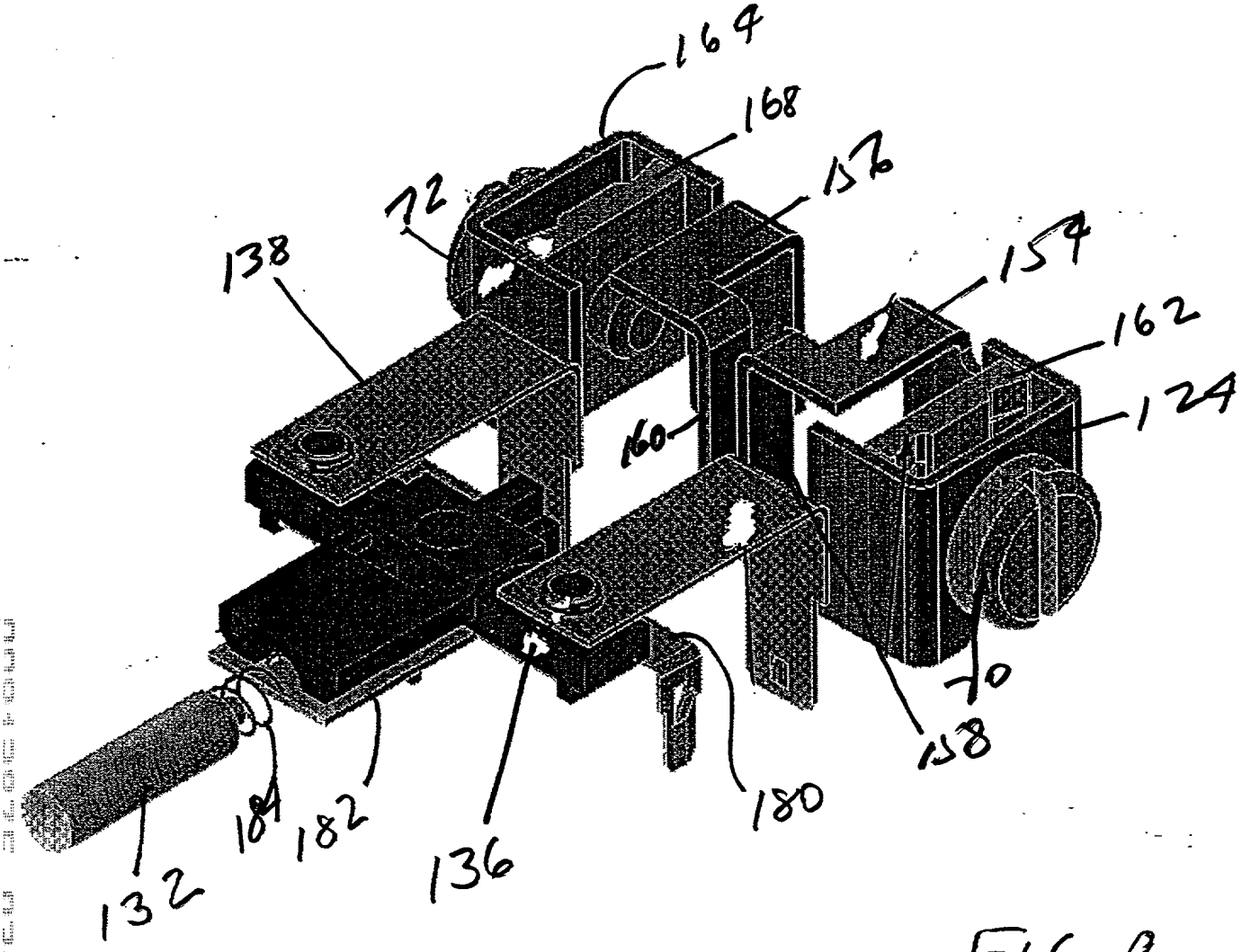

FIG. 9

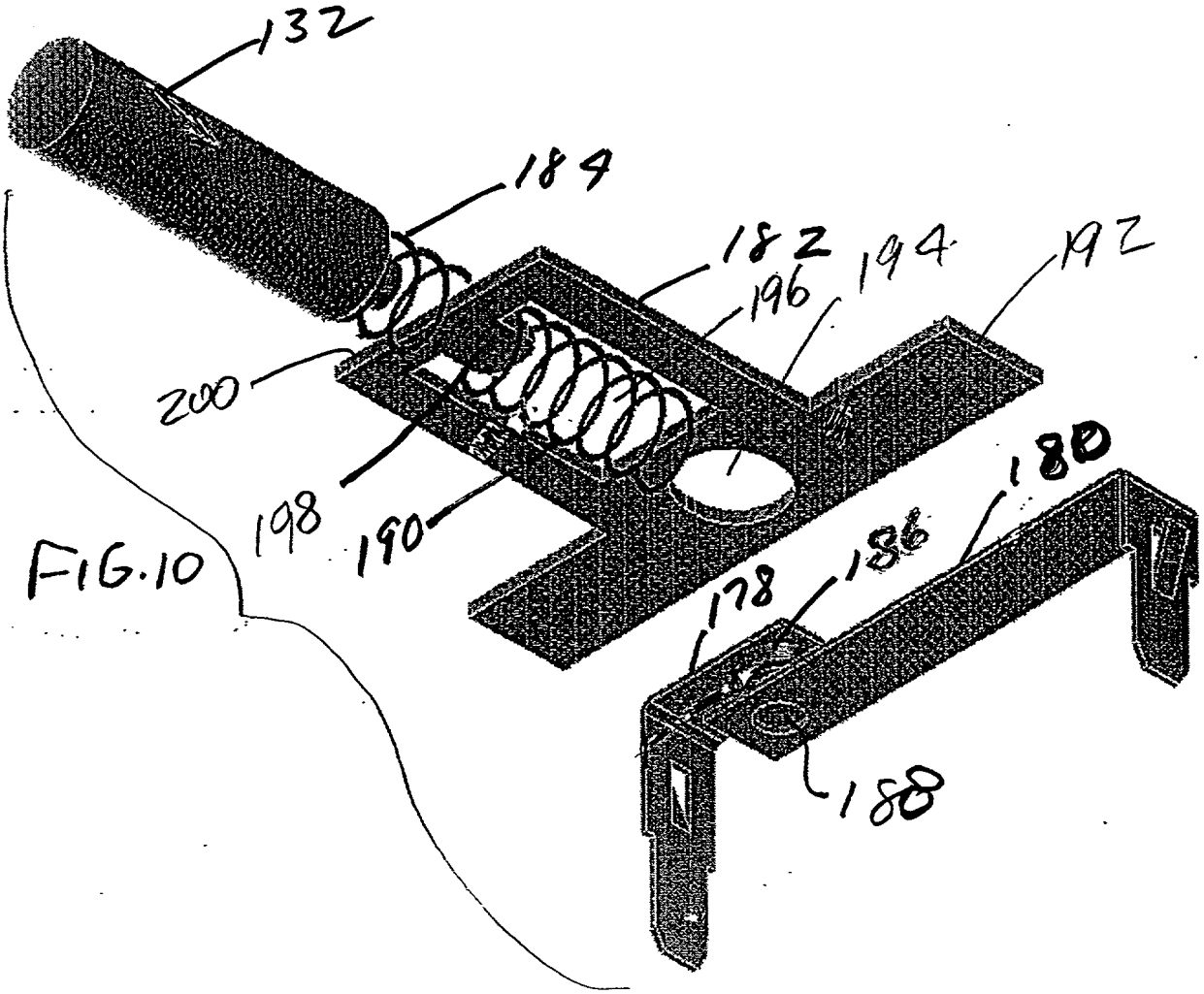

FIG. 10

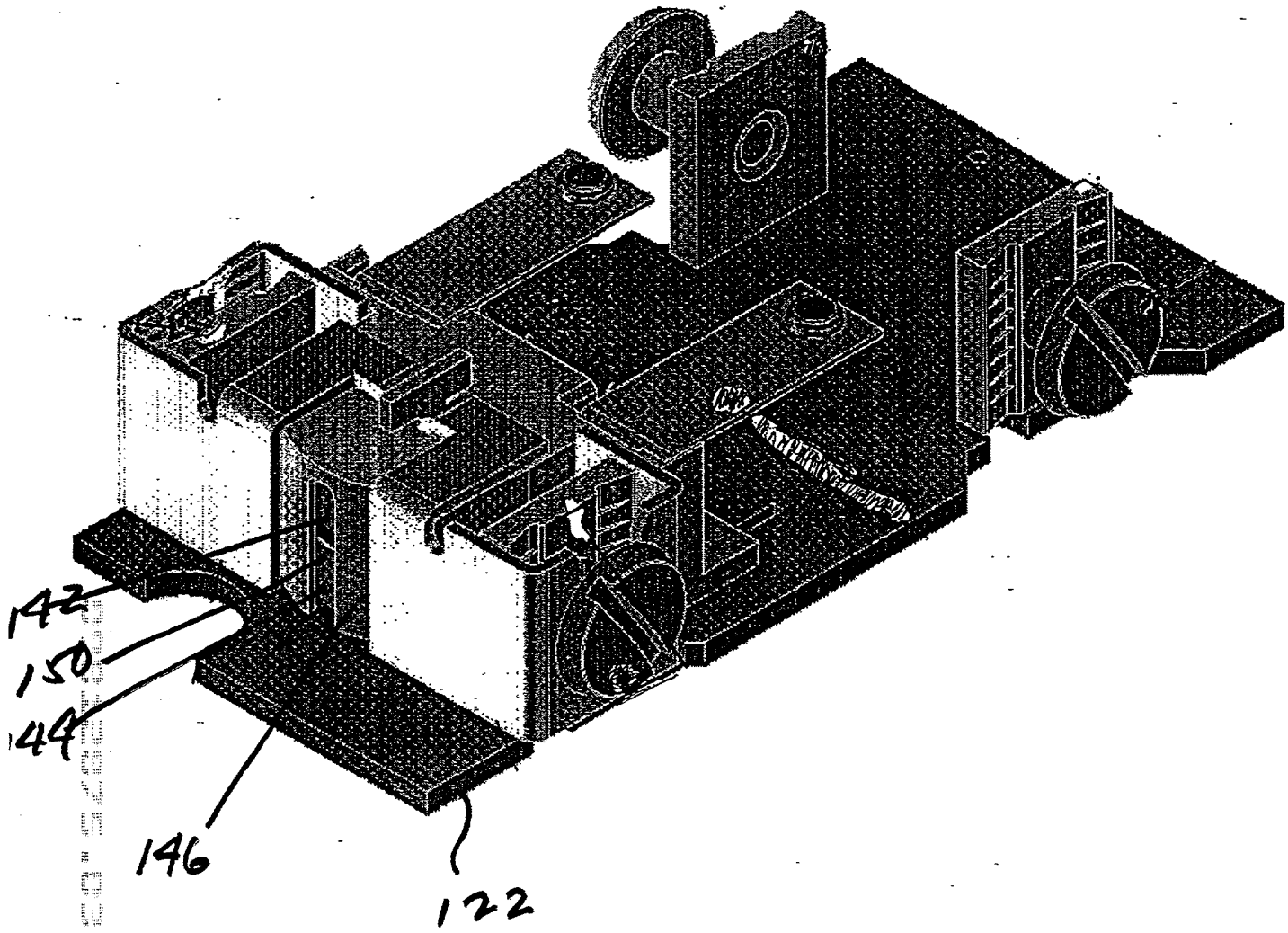

FIG. 11

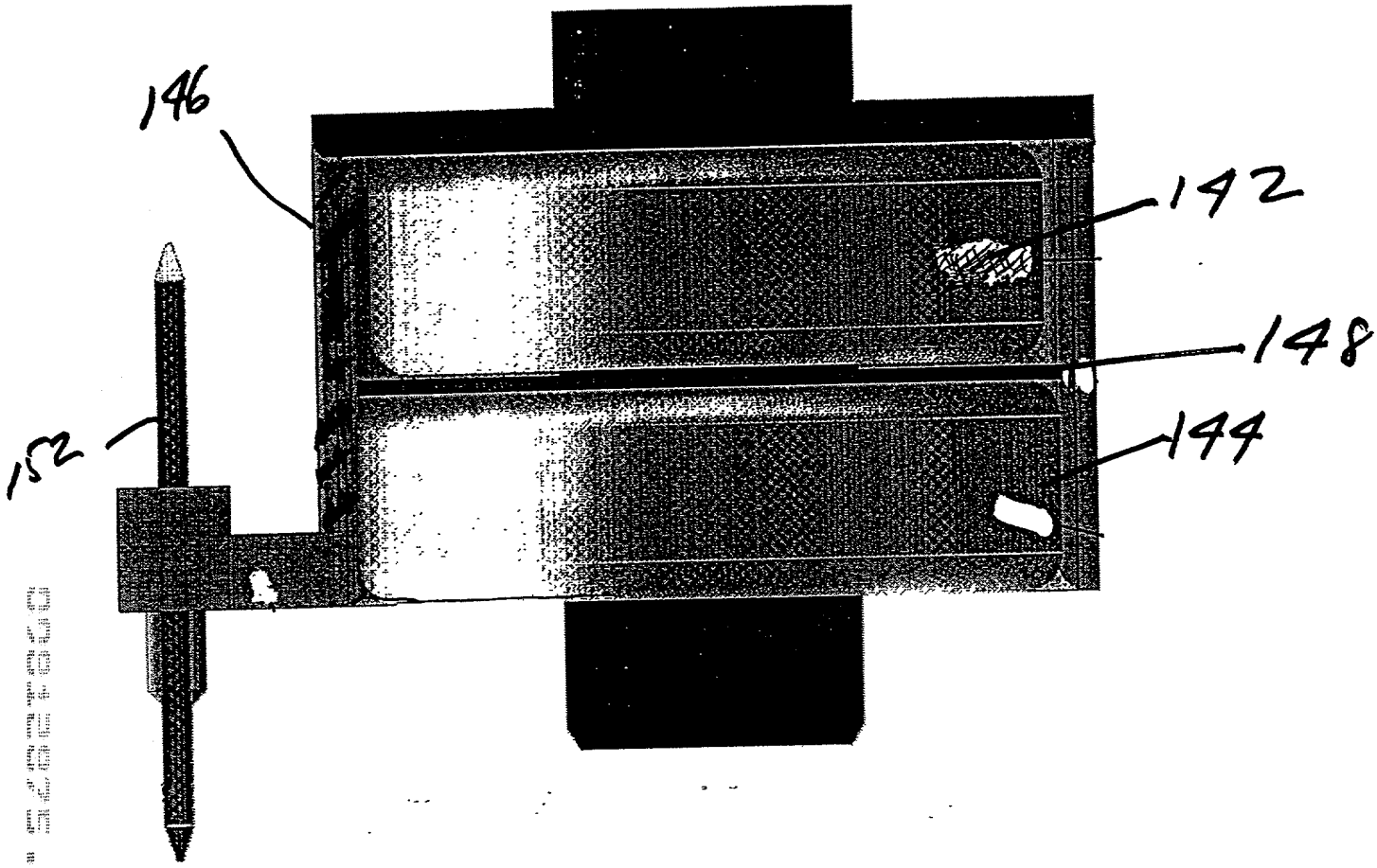

FIG. 12

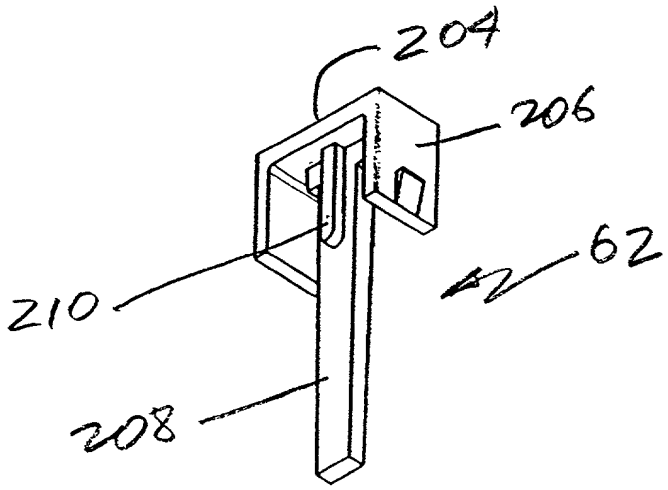

FIG. 13

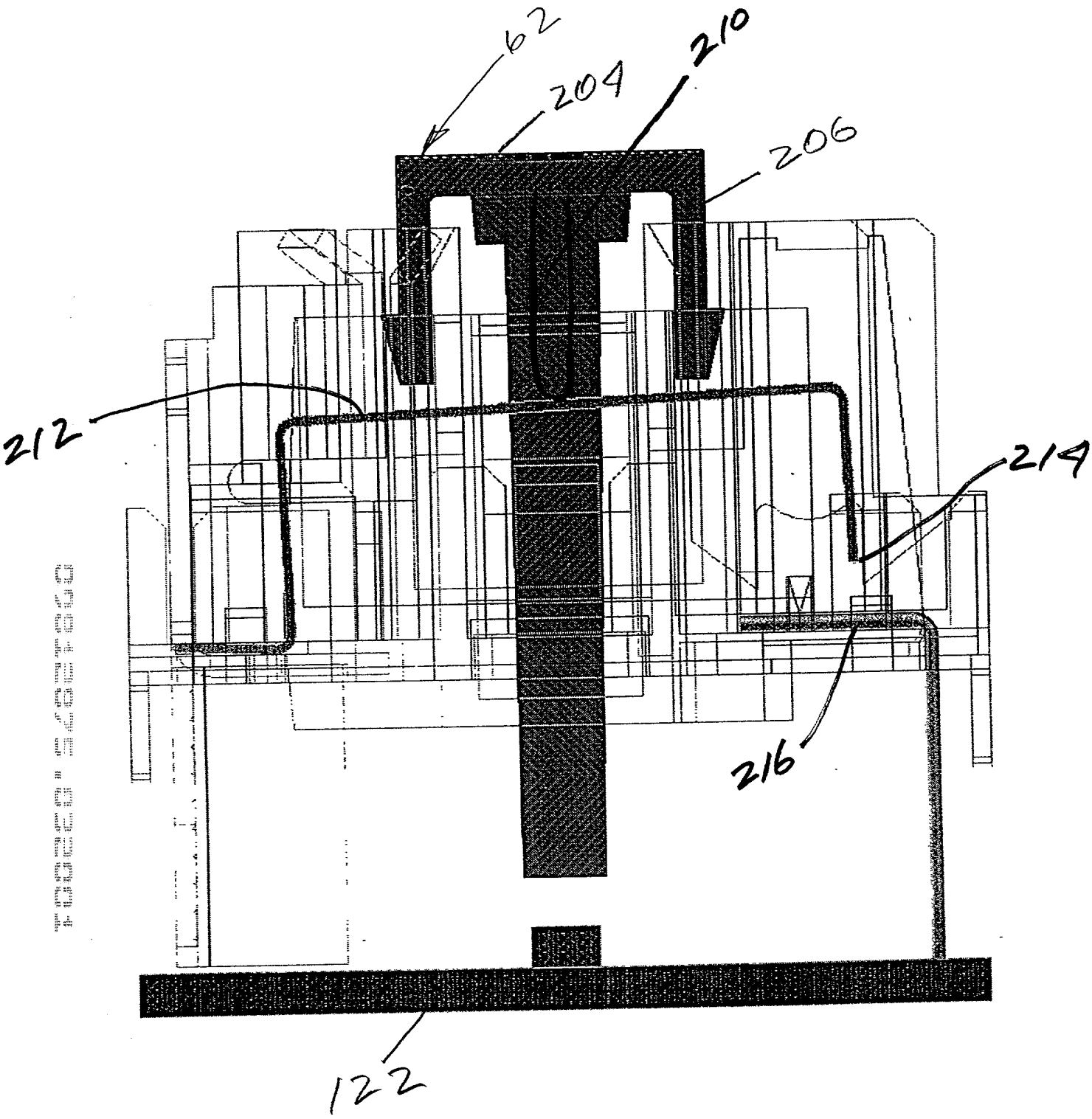

FIG. 14

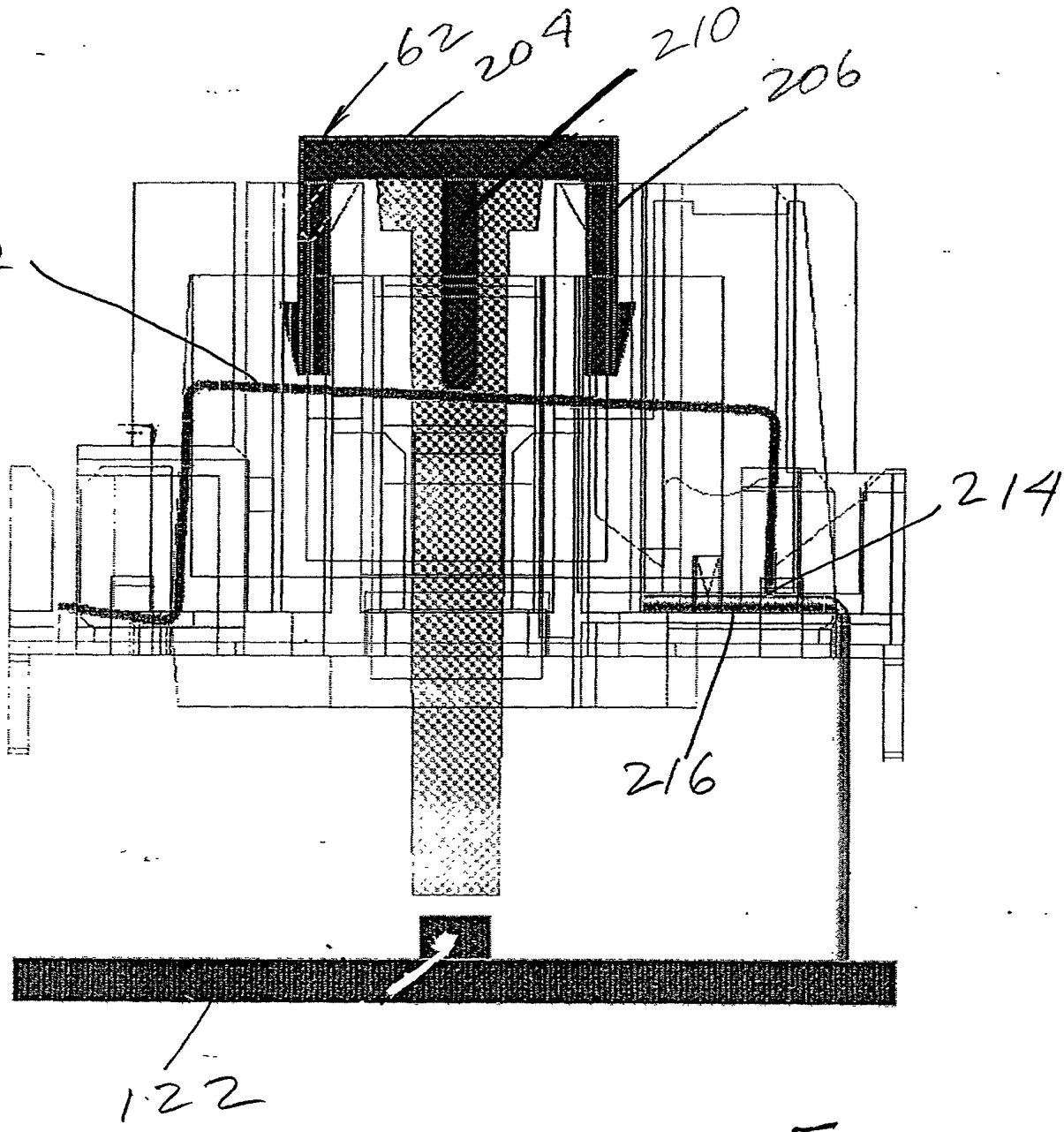

FIG. 15

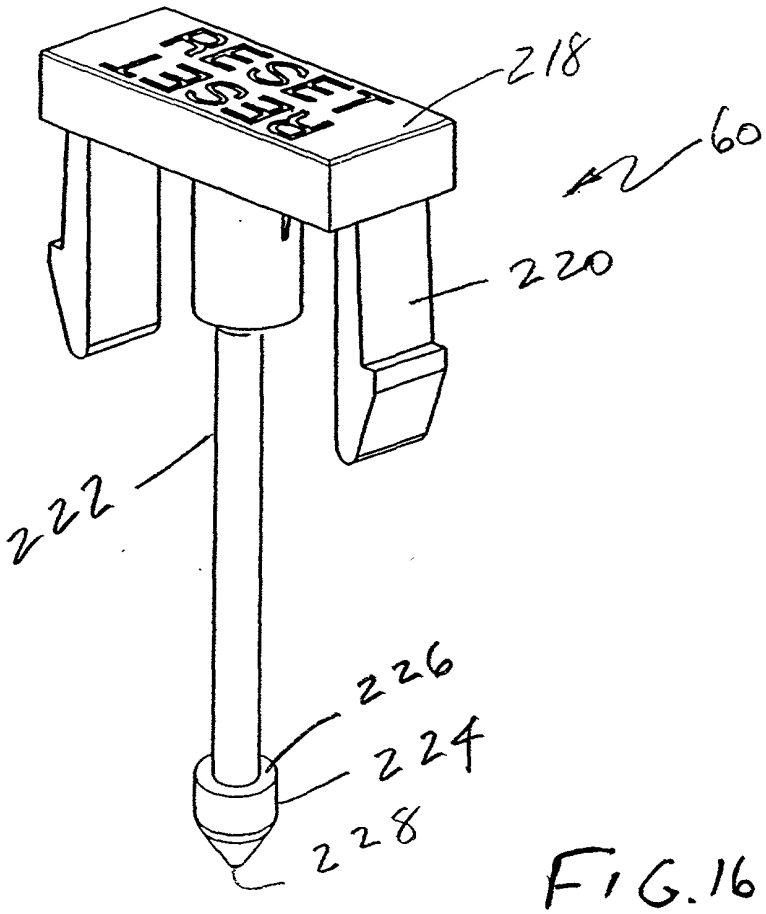

FIG. 16

MODE	LED INDICATOR			PIEZO BEEPER
	Green	Red	Amber	
Supervisory	Slow	NA	NA	Off
25 Days	Fast	NA	NA	Off
30 Days	NA	NA	Fast	Off
Trip-External Fault	NA	NA	Fast	On
Fault in GFCI	NA	Fast	NA	On
Power On Reset	NA	NA	Fast	Off

FIG. 21

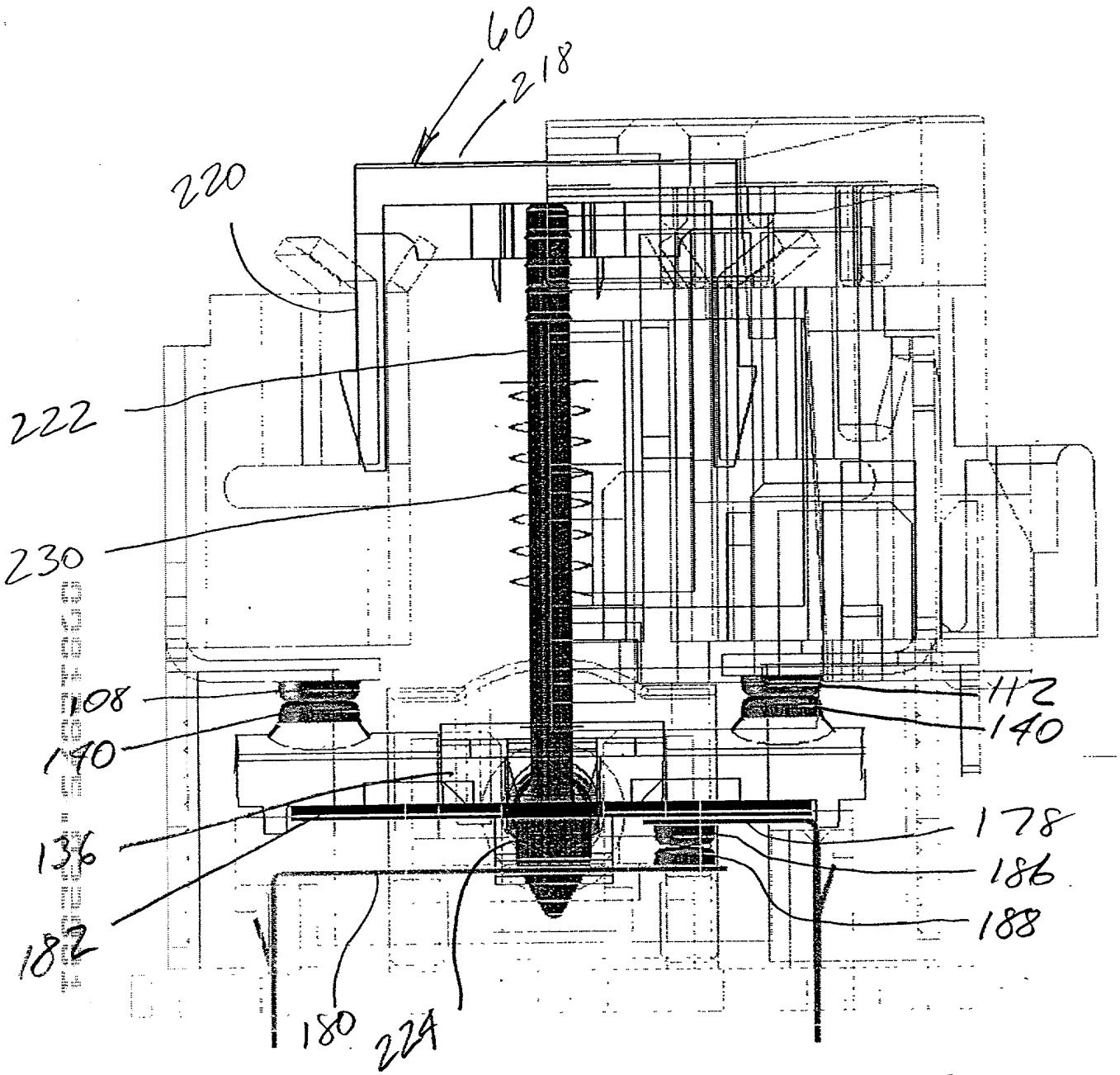

FIG. 17

30

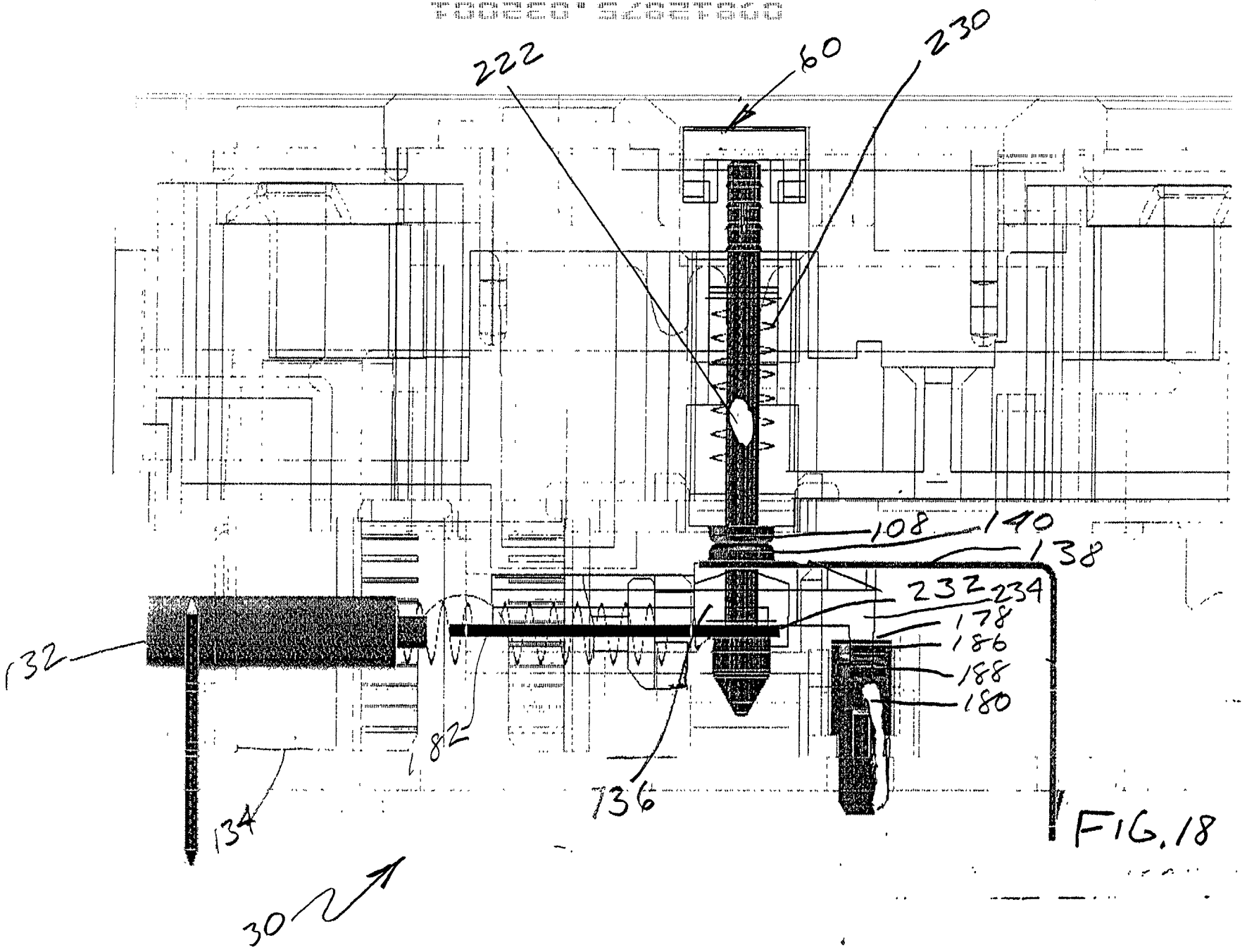

FIG. 18

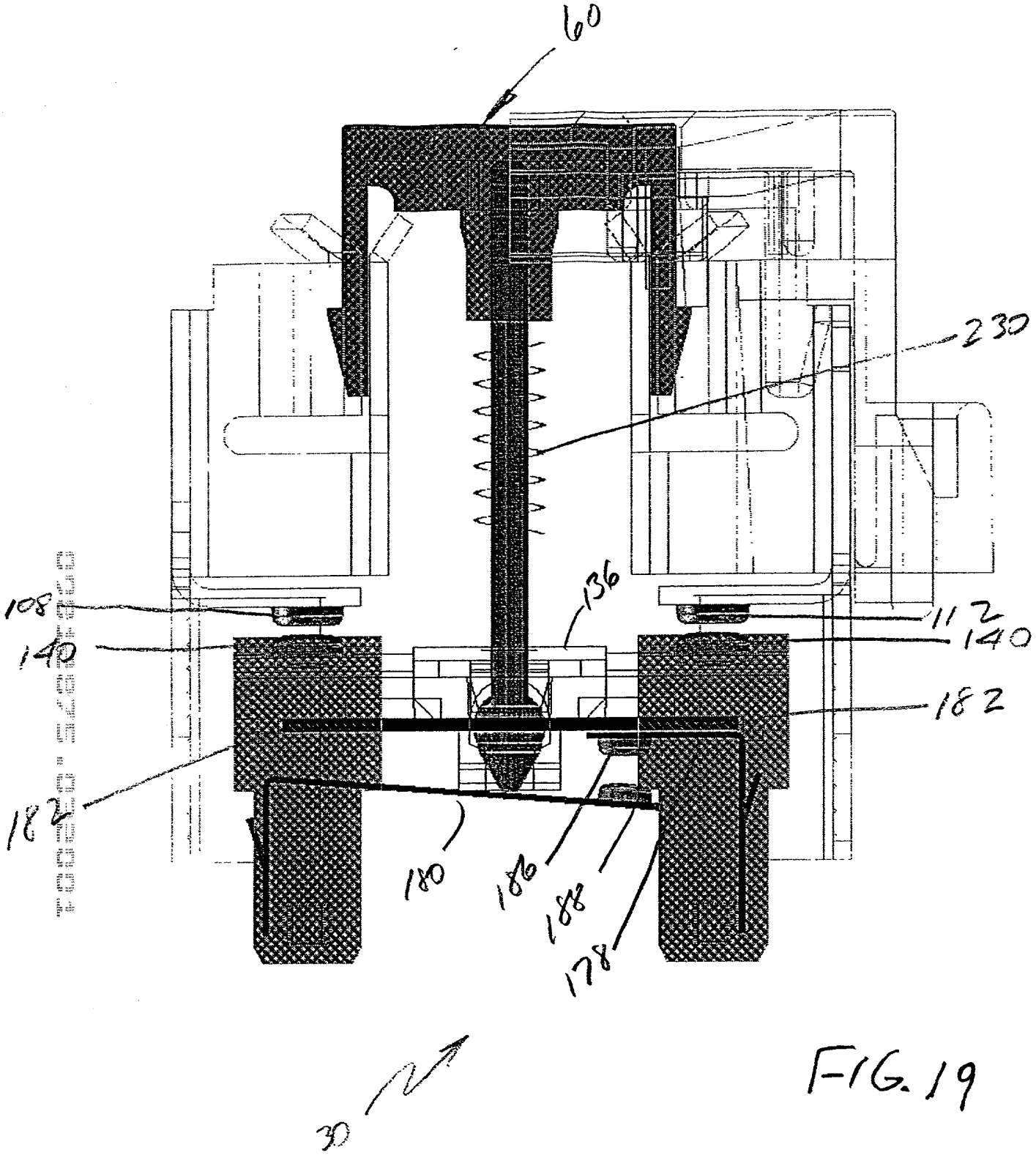

FIG. 19

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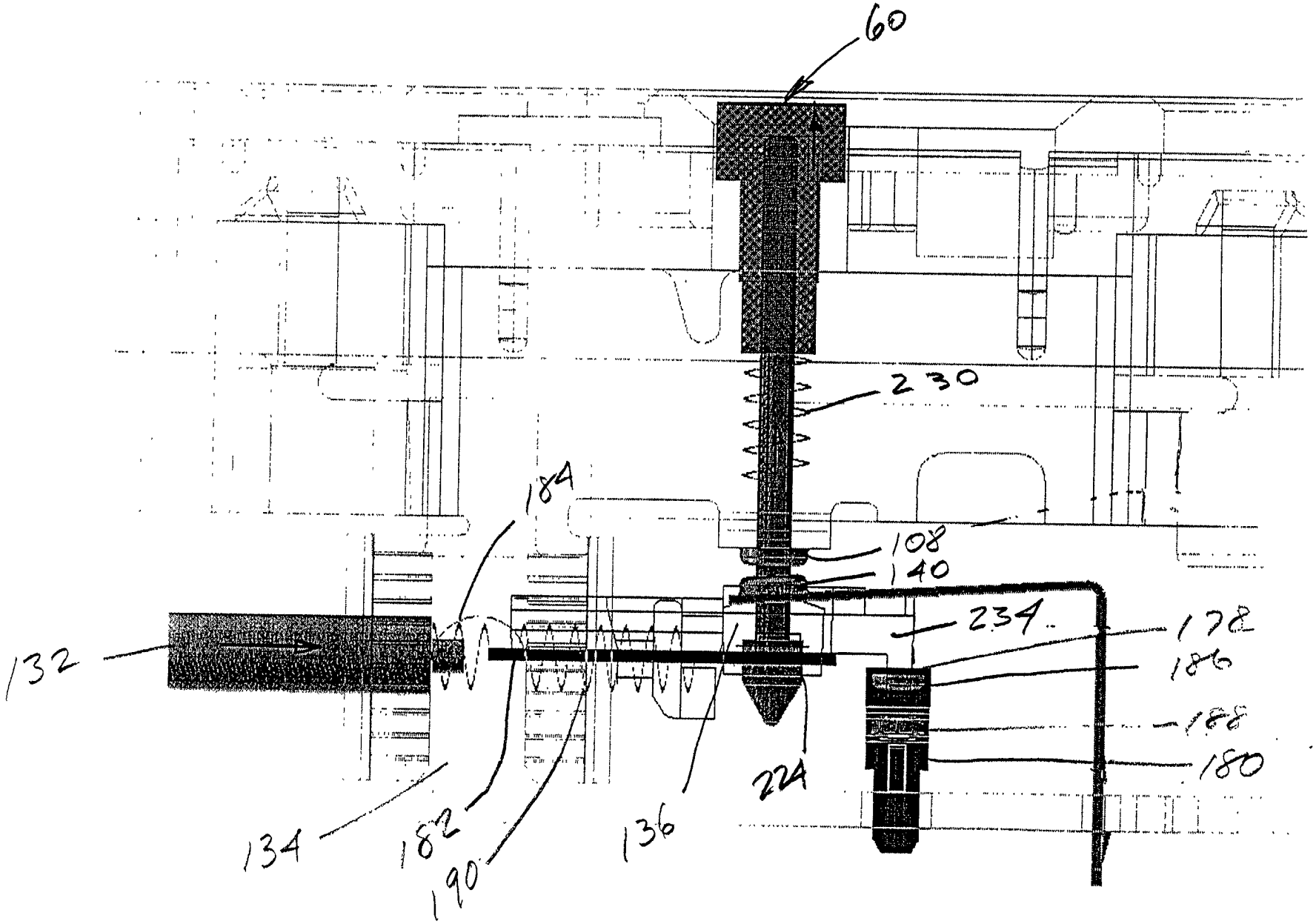


FIG. 20

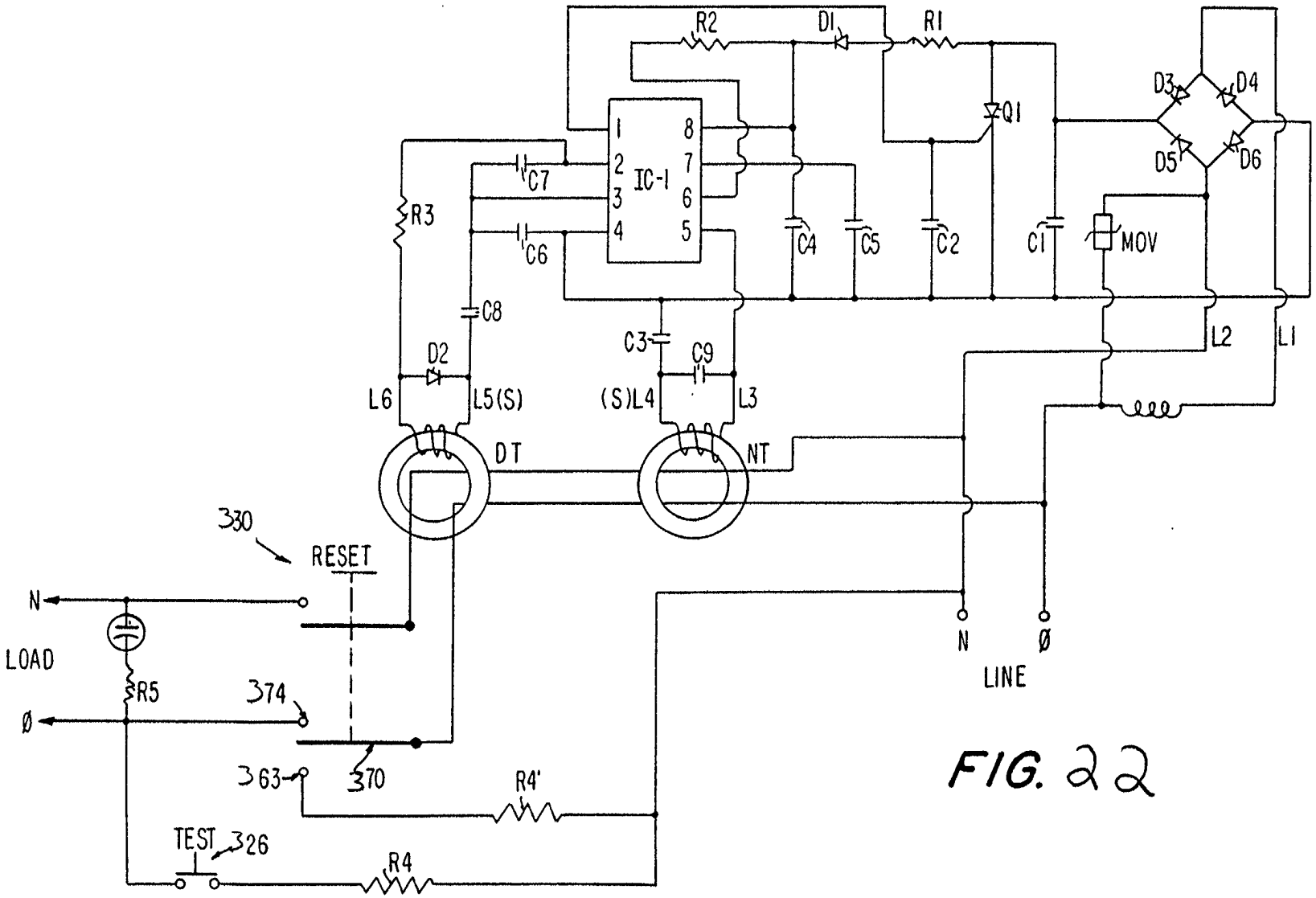

R2
D1
R1
Q1
D3
D4
D5
D6
IC-1
C7
C6
R3
C4
C5
C2
C1
MOV
C8
C3
C9
D2
L6
L5(S)
(S)L4
L3
L2
L1
DT
NT
330
RESET
N
LOAD
R5
374
Ø
363
370
R4'
TEST
326
R4
N
Ø
LINE

FIG. 22

PATENT SEARCH

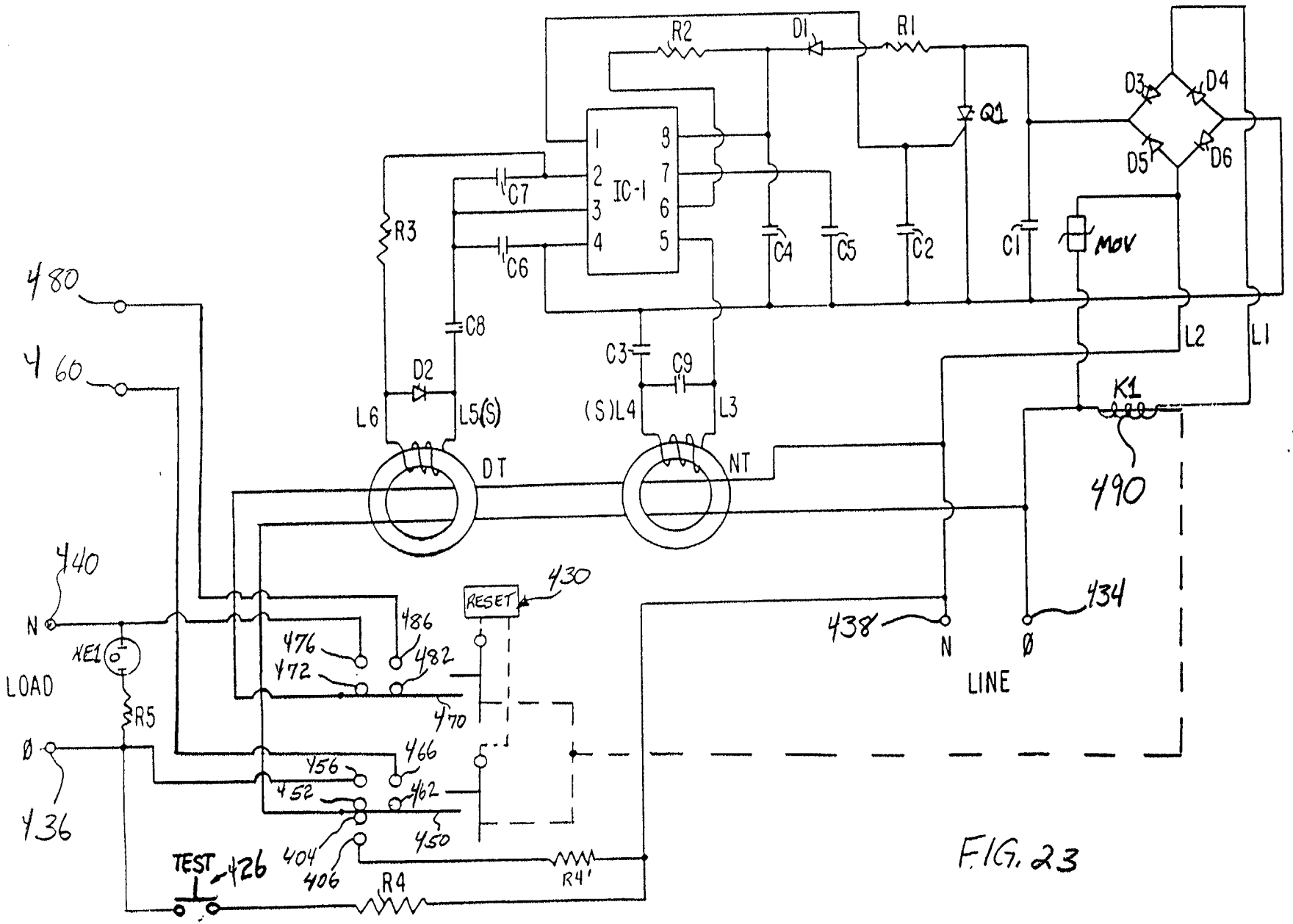


FIG. 23

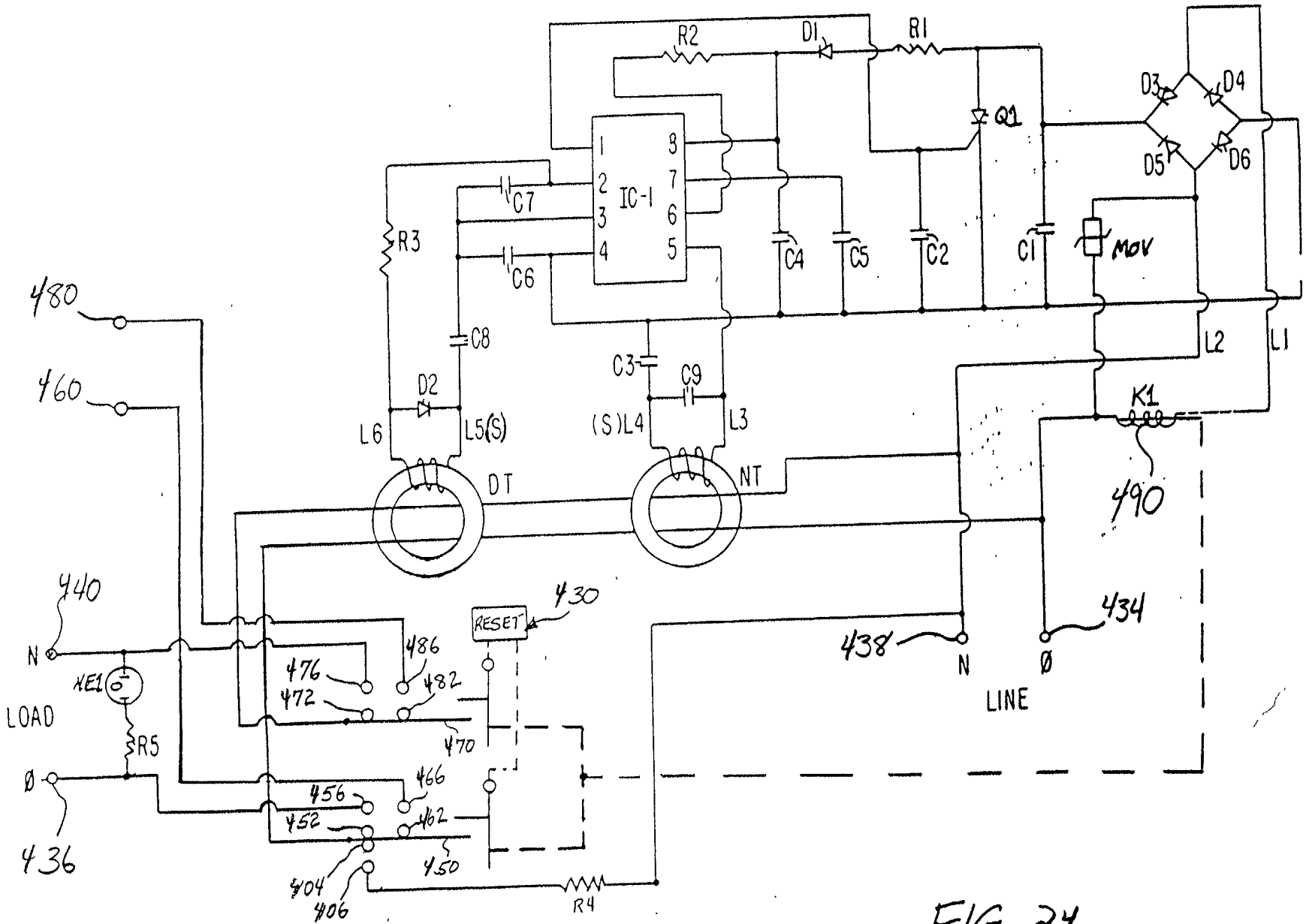

R2
D1
R1
D3
D4
Q1
D5
D6
IC-1
C7
C6
R3
C4
C5
C2
C1
MOV
480
460
C8
C3
C9
D2
L6
L5(S)
(S)L4
L3
L2
L1
K1
DT
NT
490
440
RESET
430
434
438
N
Ø
LINE
476
486
472
482
470
LOAD
XE1
R5
456
466
452
462
450
436
404
406
R4

FIG. 24

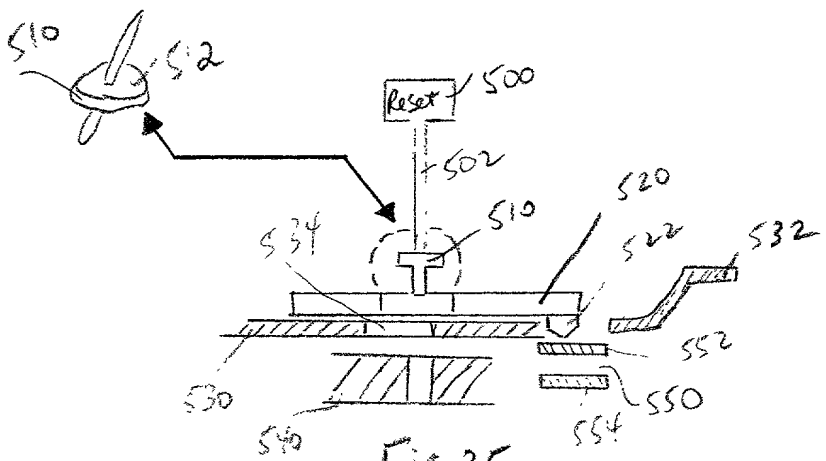


Fig 25

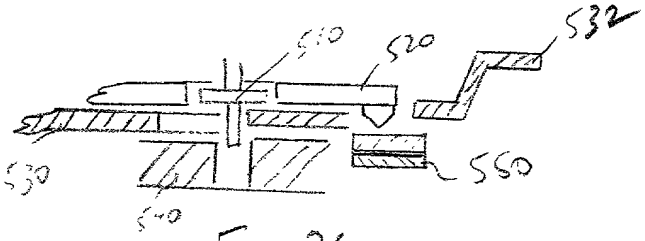


Fig 26

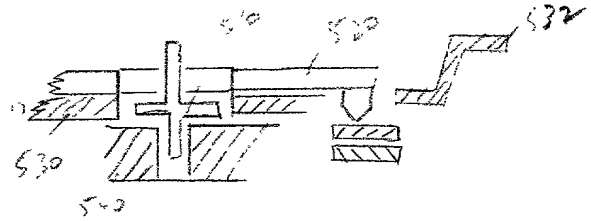


Fig 27

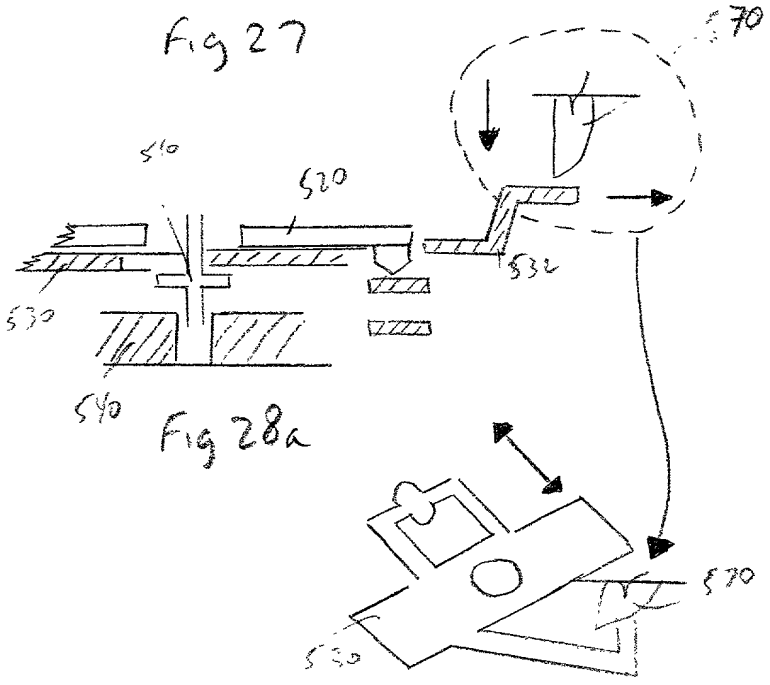


Fig 28a

Fig 28b

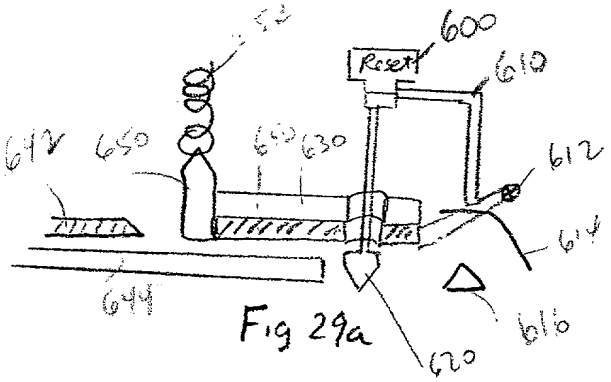


Fig 29a

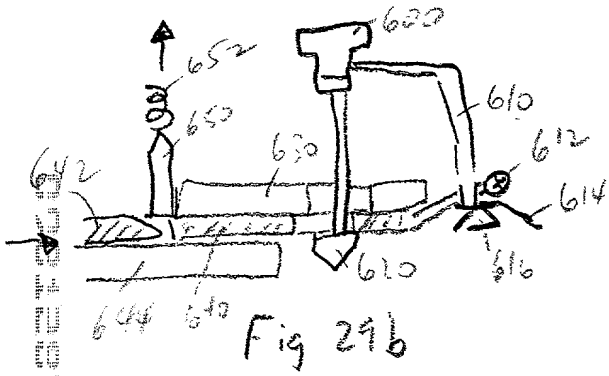


Fig 29b

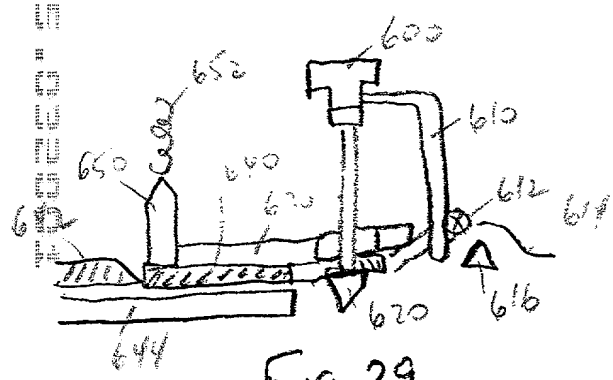


Fig 29c

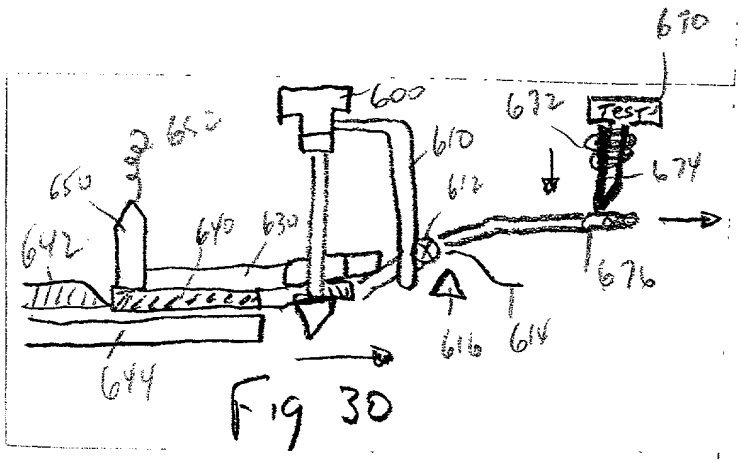


Fig 30

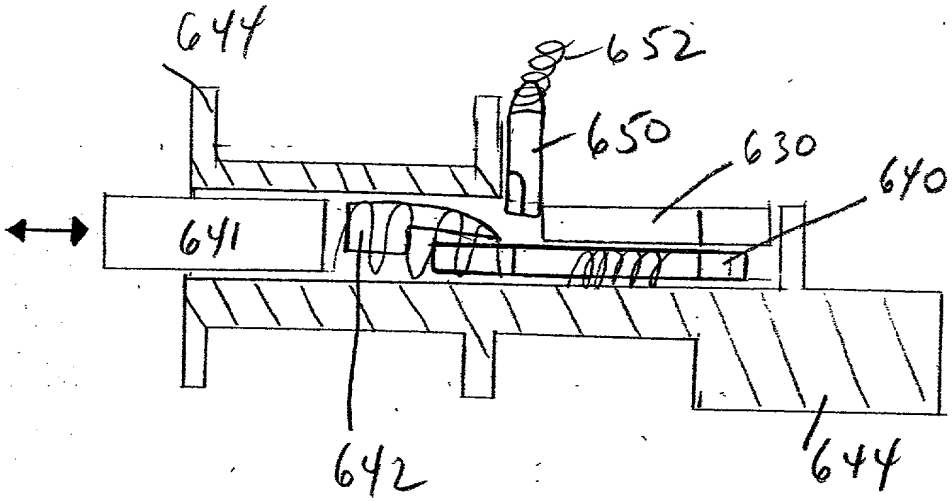


Fig 31a

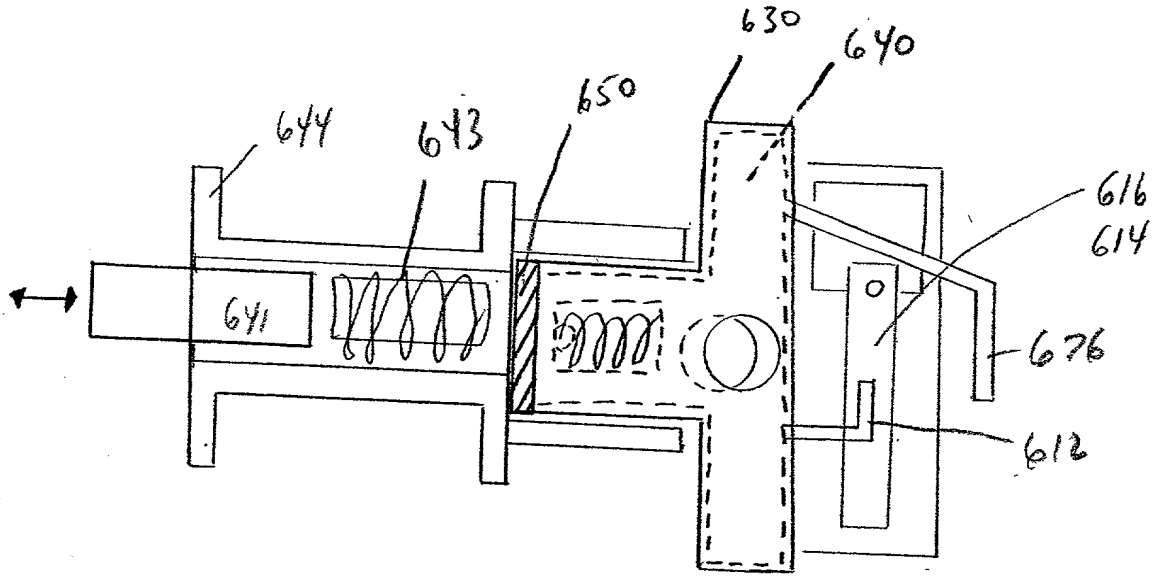


Fig 31b

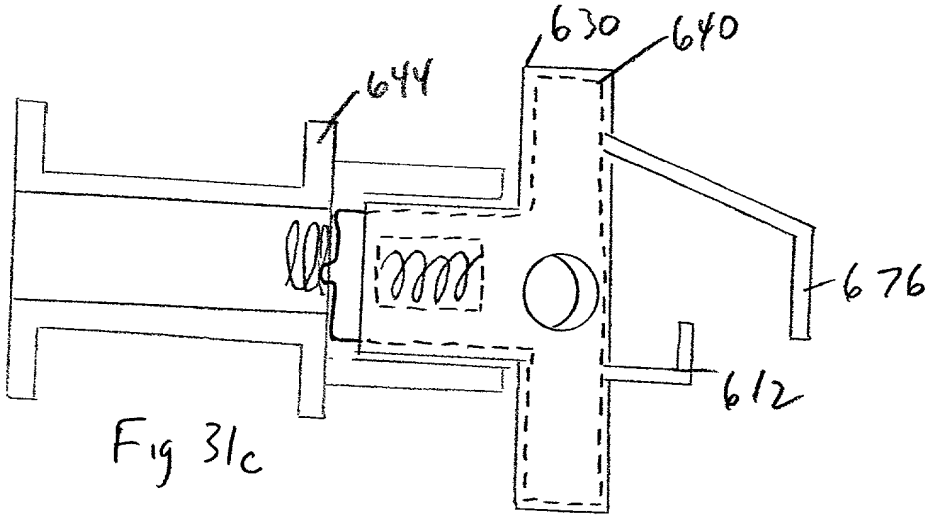


Fig 31c

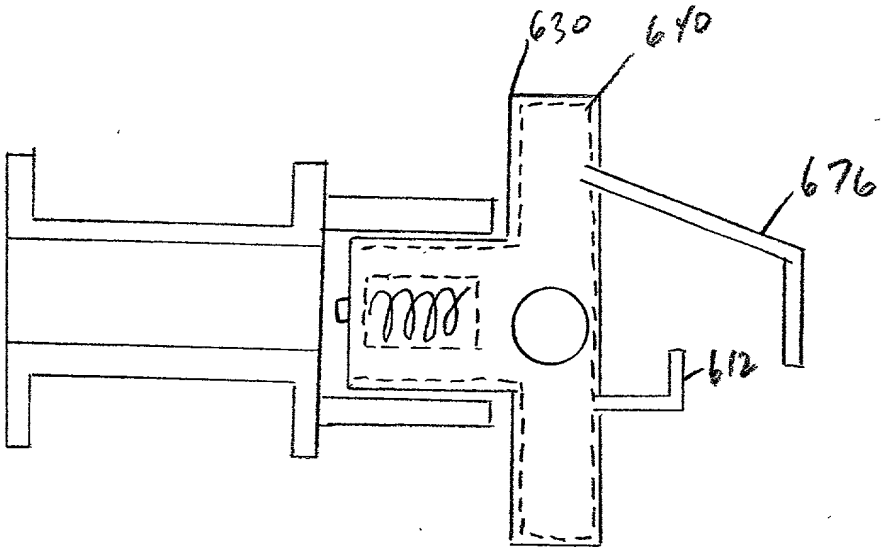


Fig 31d

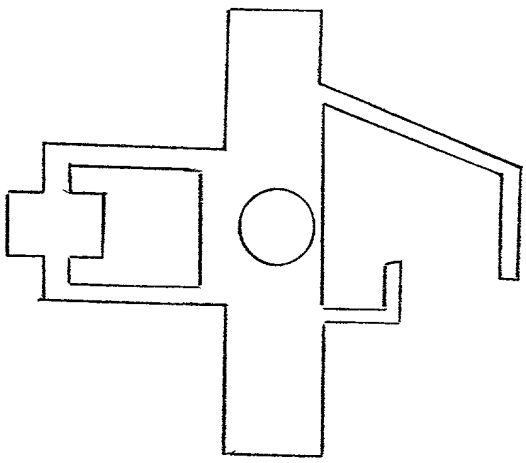


Fig 31e

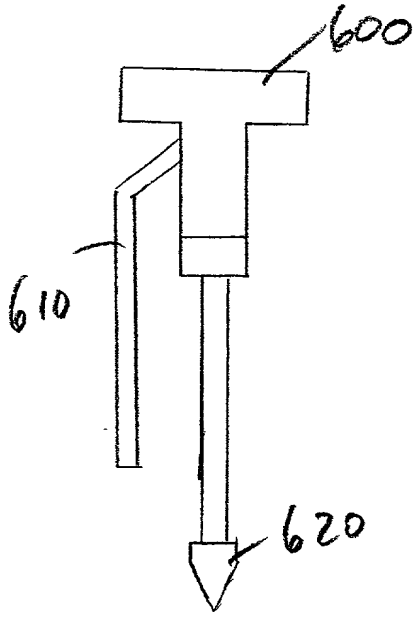


Fig 31f

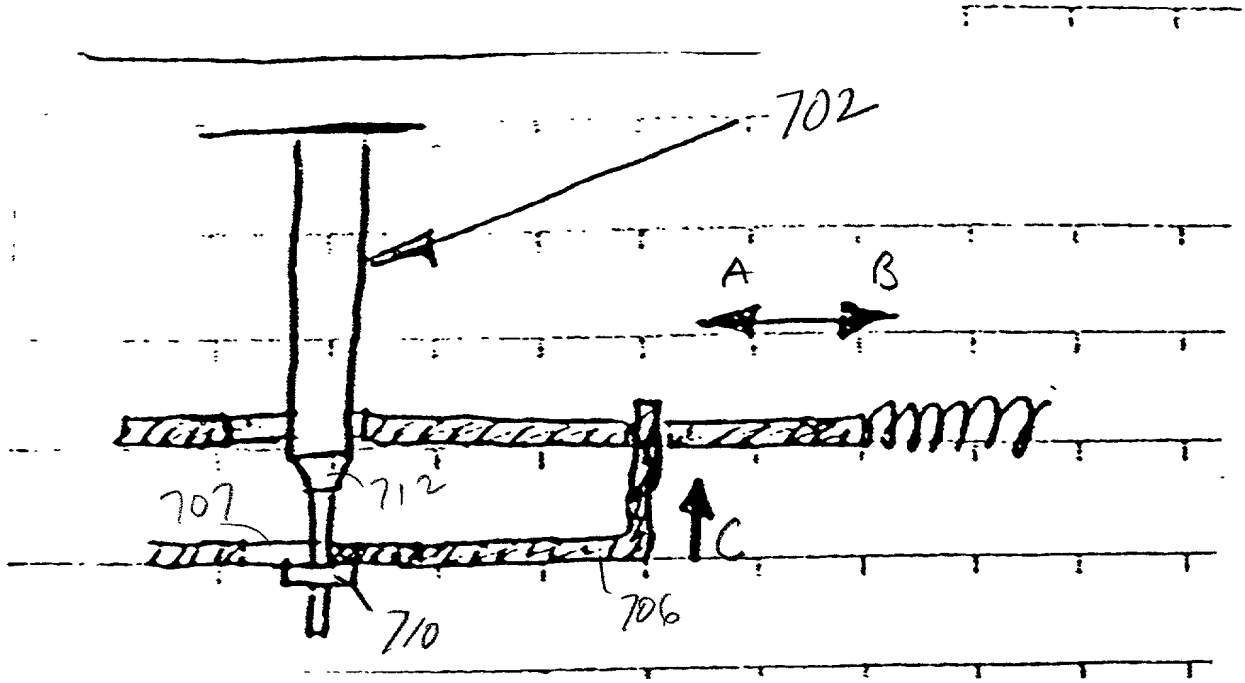


Fig 32a

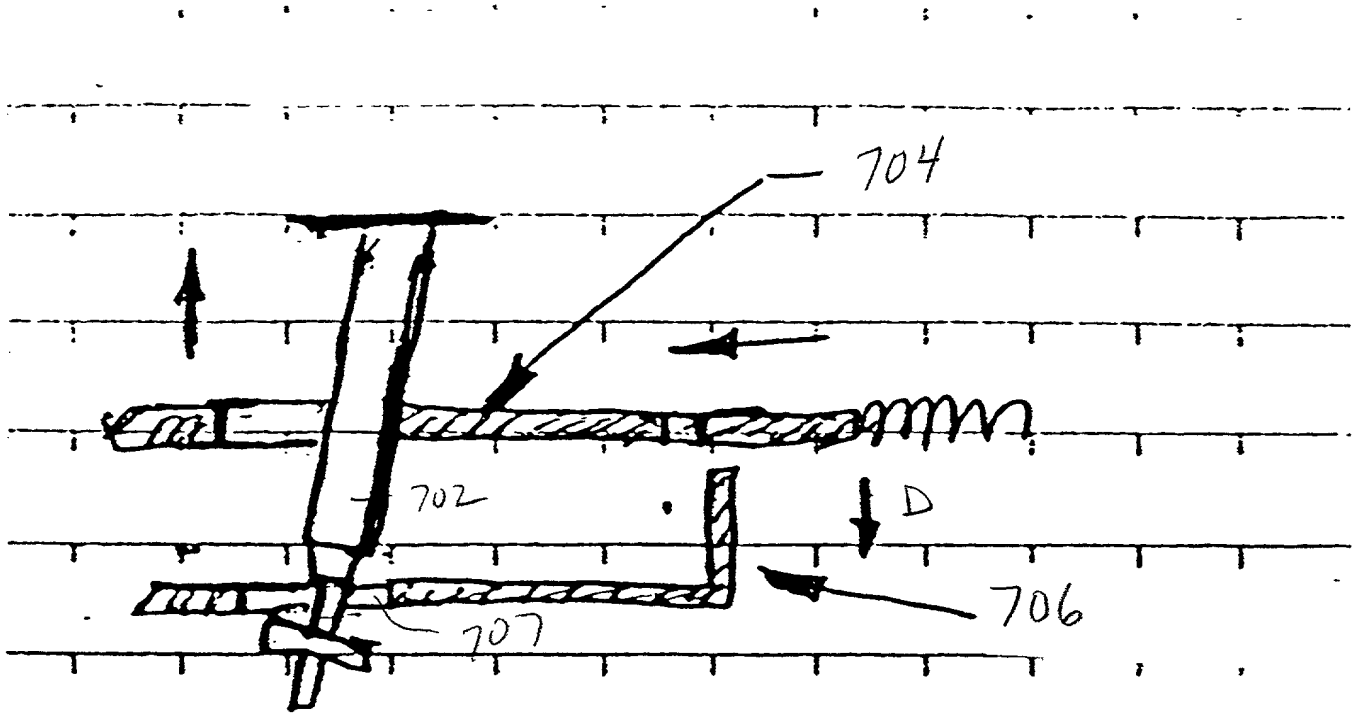


Fig 32b

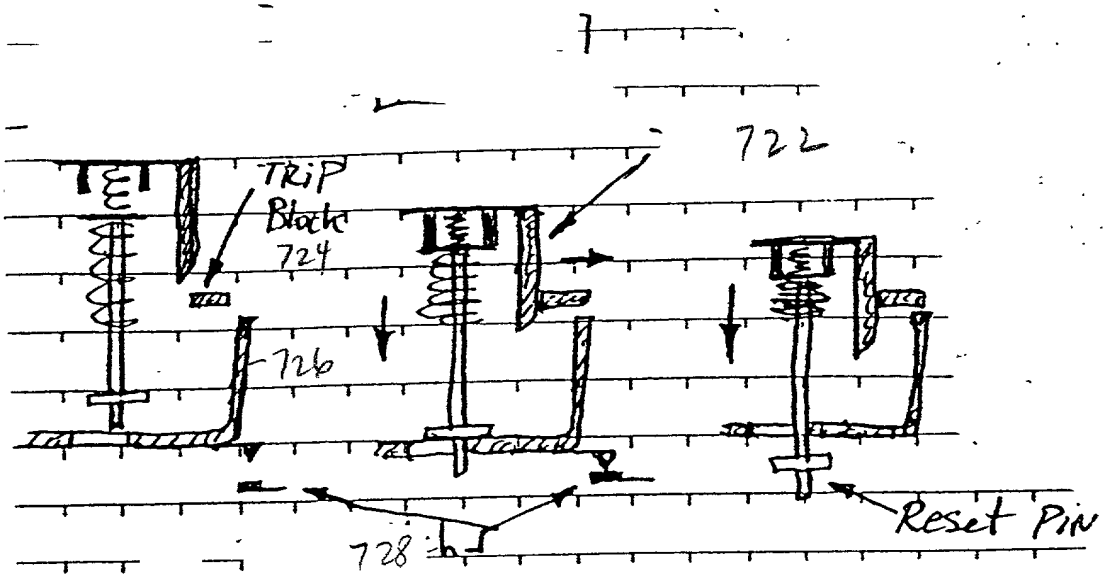


FIG. 33 a FIG. 33 b FIG. 33 c

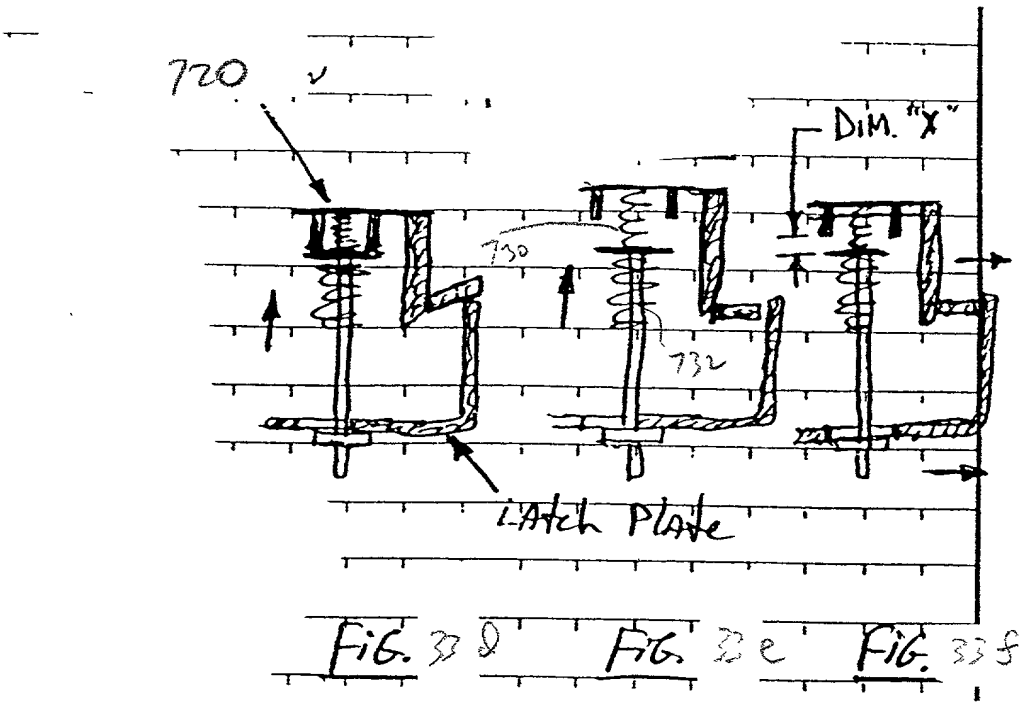


FIG. 33 d FIG. 33 e FIG. 33 f

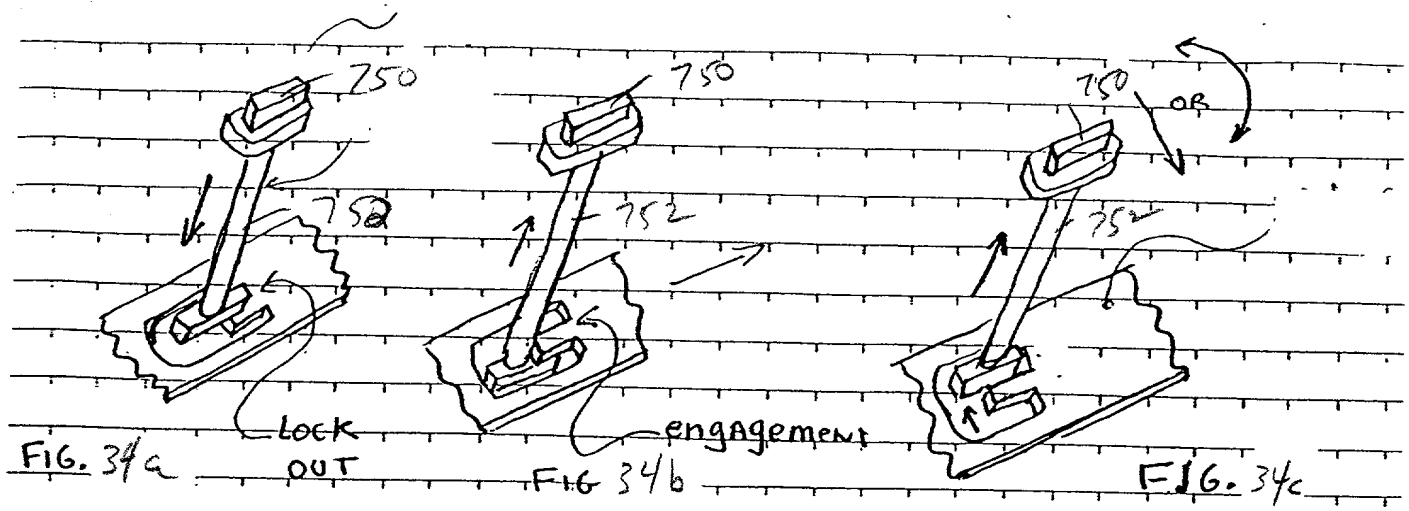


FIG. 34a FIG 34b FIG. 34c

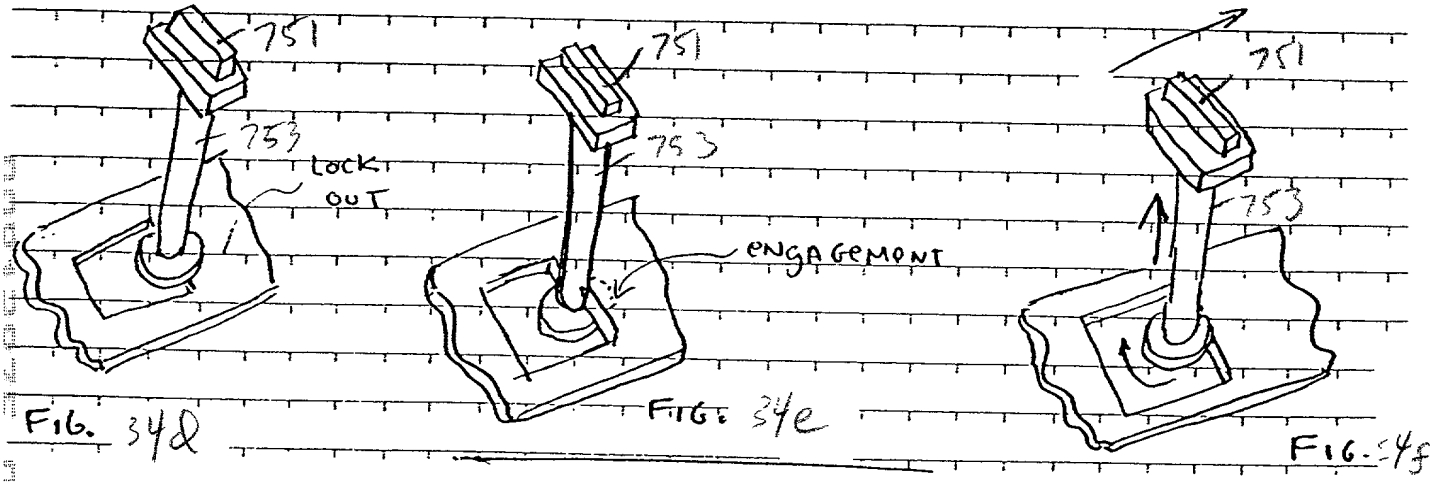
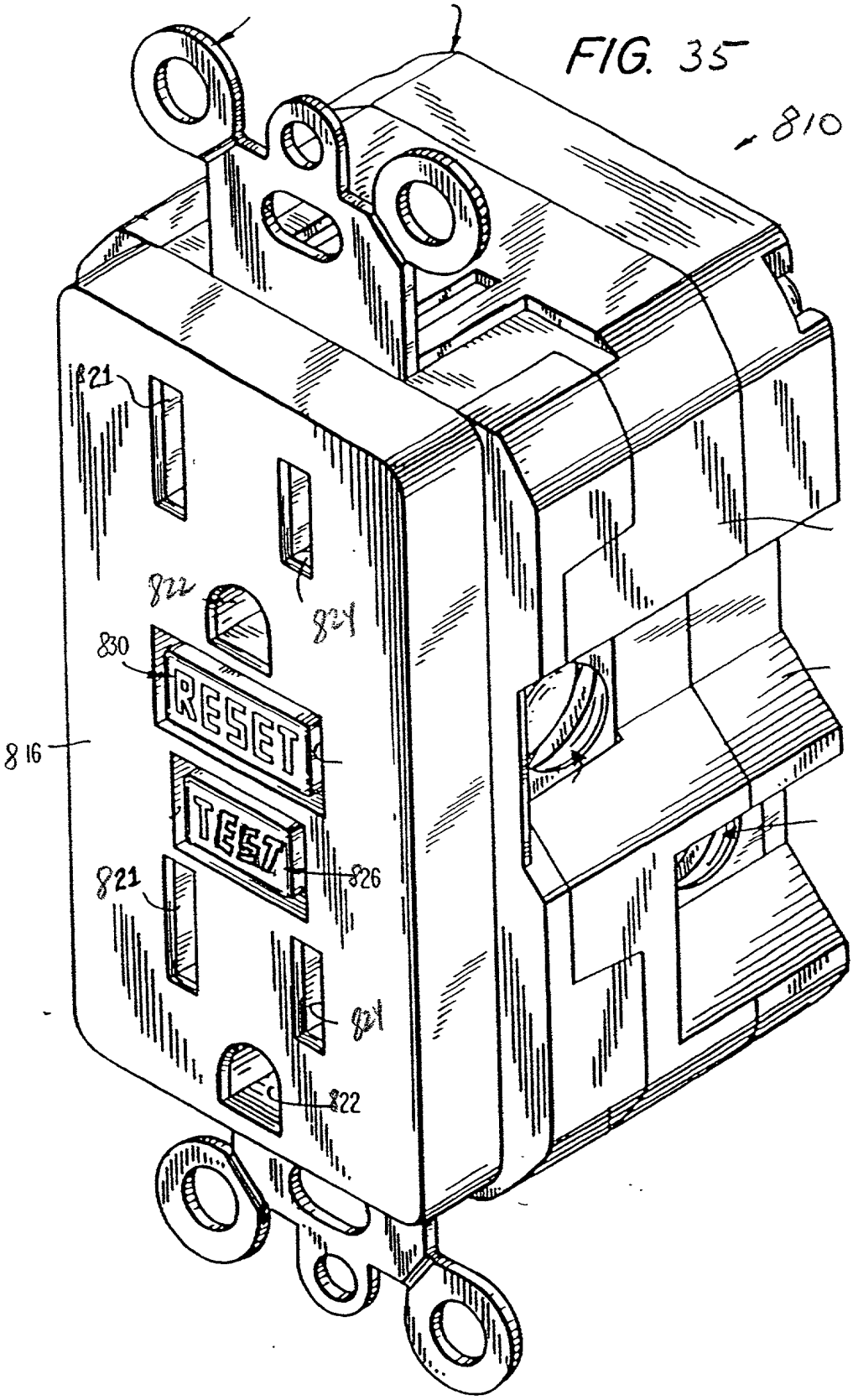


FIG. 34d FIG. 34e FIG. 34f

FIG. 35



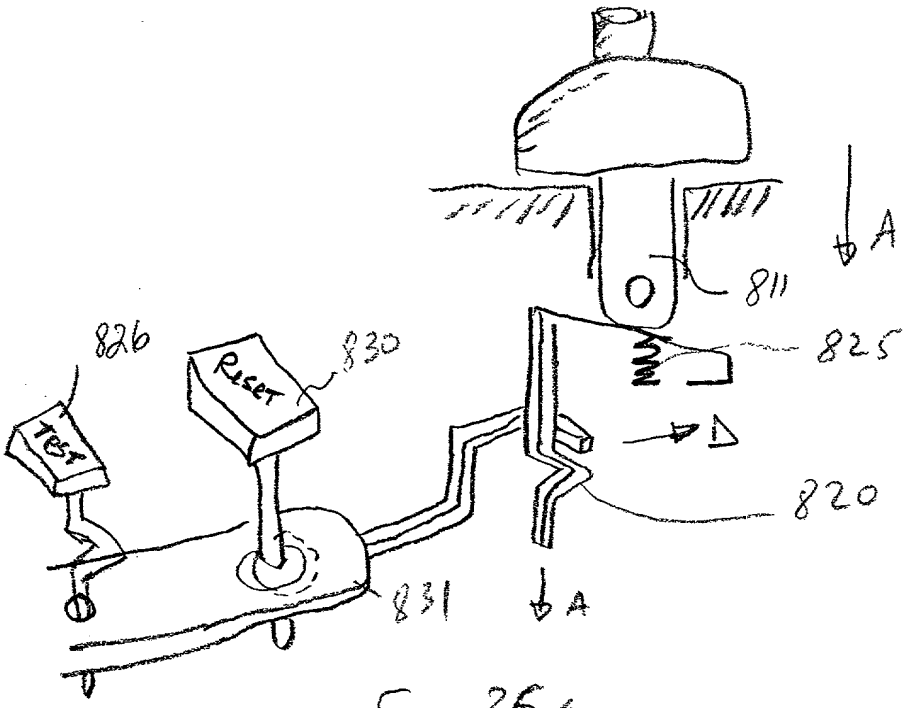


Fig 36a

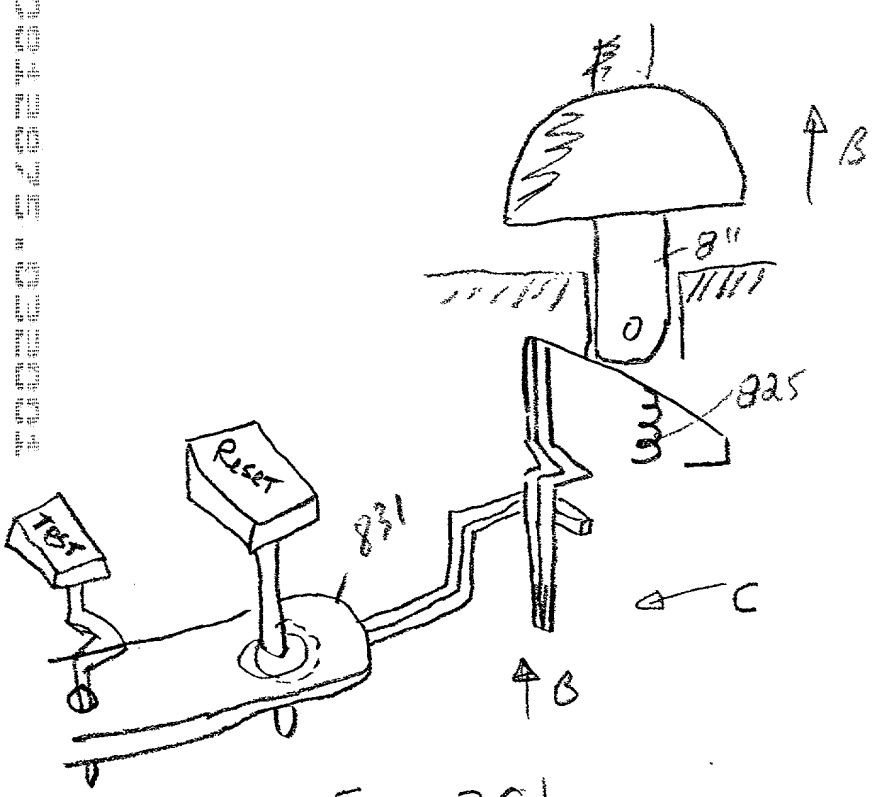
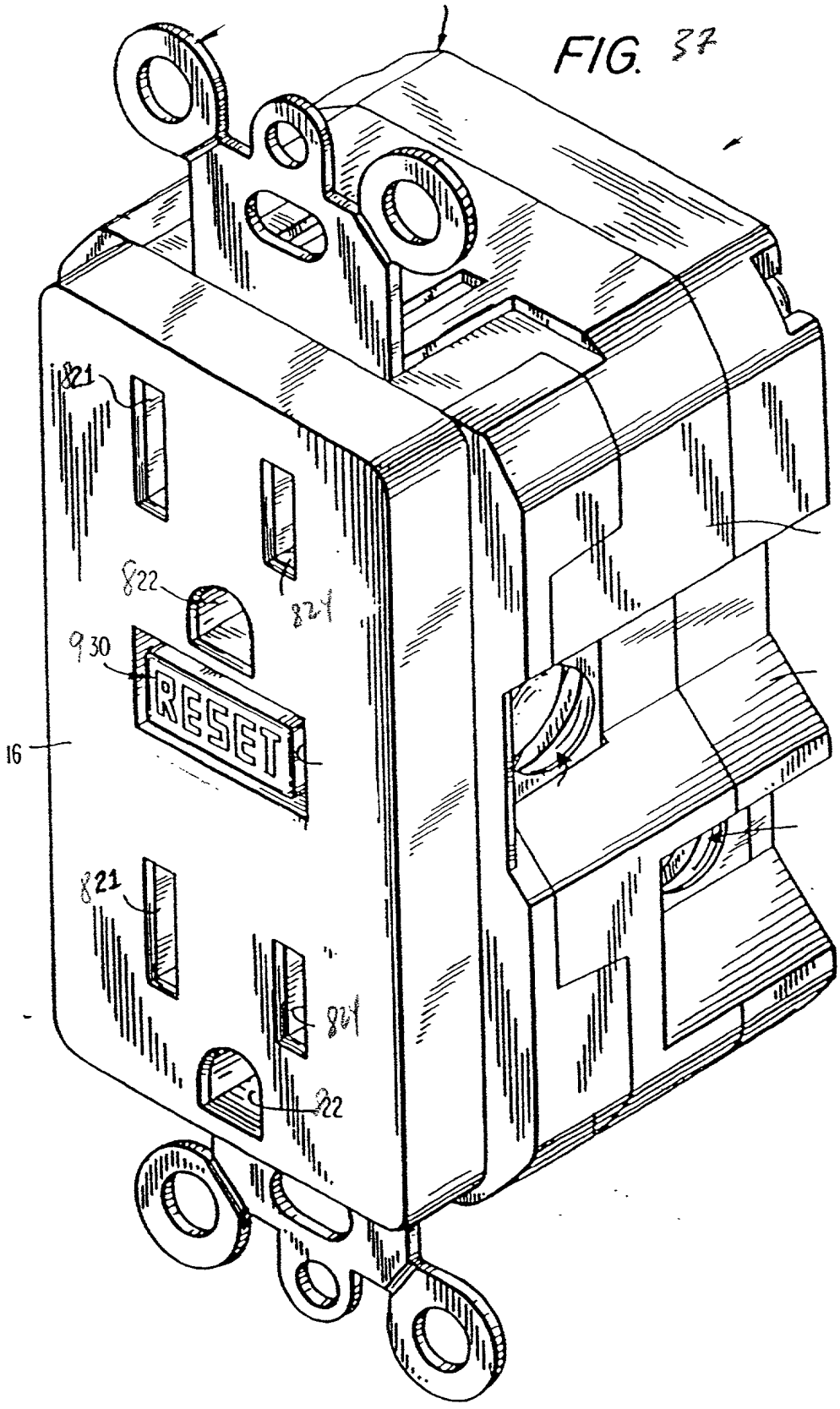


Fig. 36b

FIG. 37



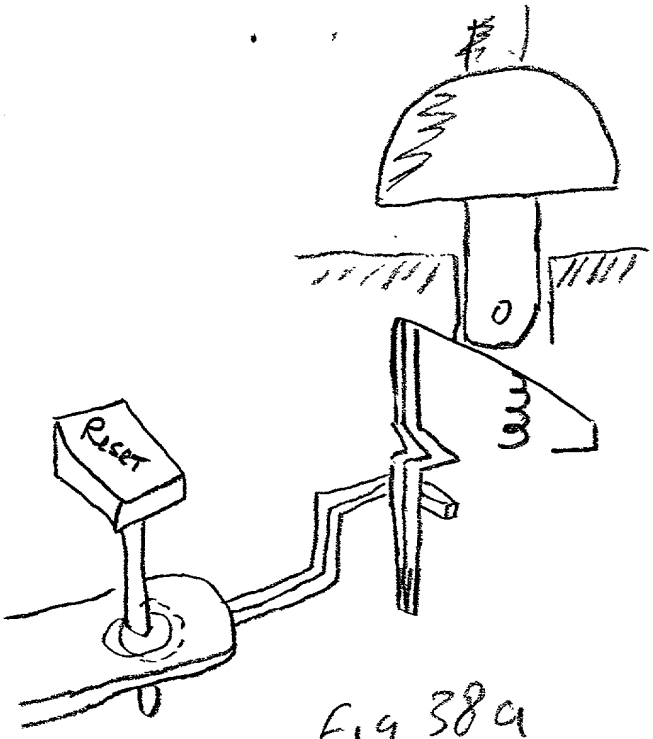


Fig 38a

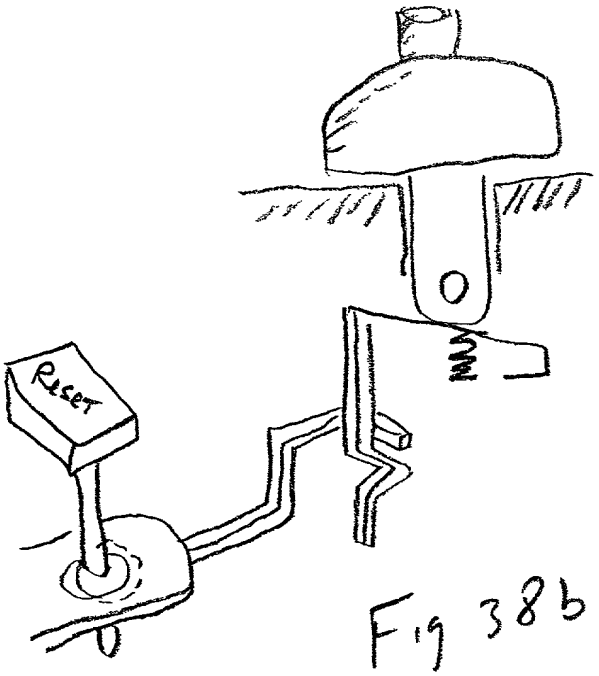
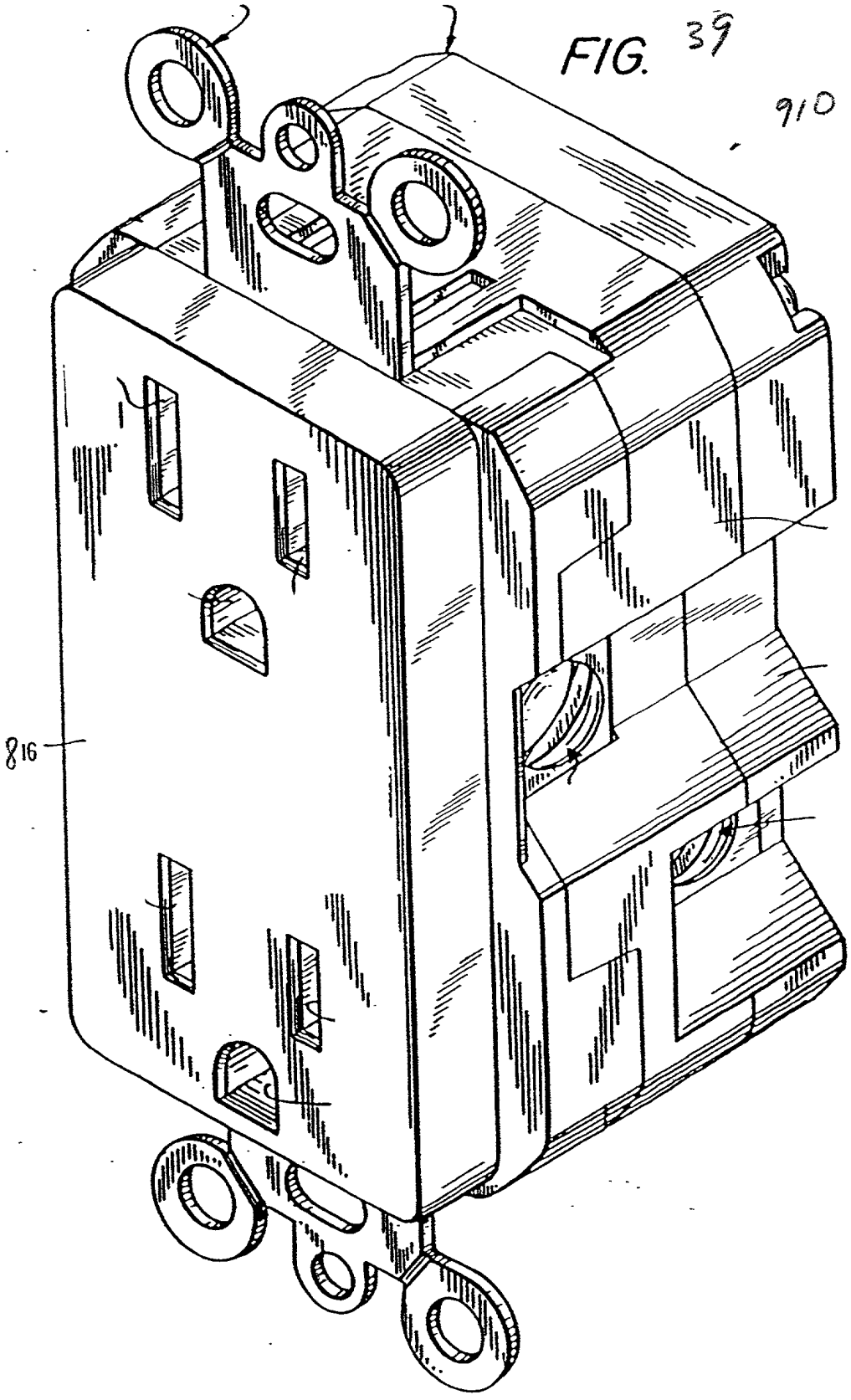


Fig 38b

FIG. 39



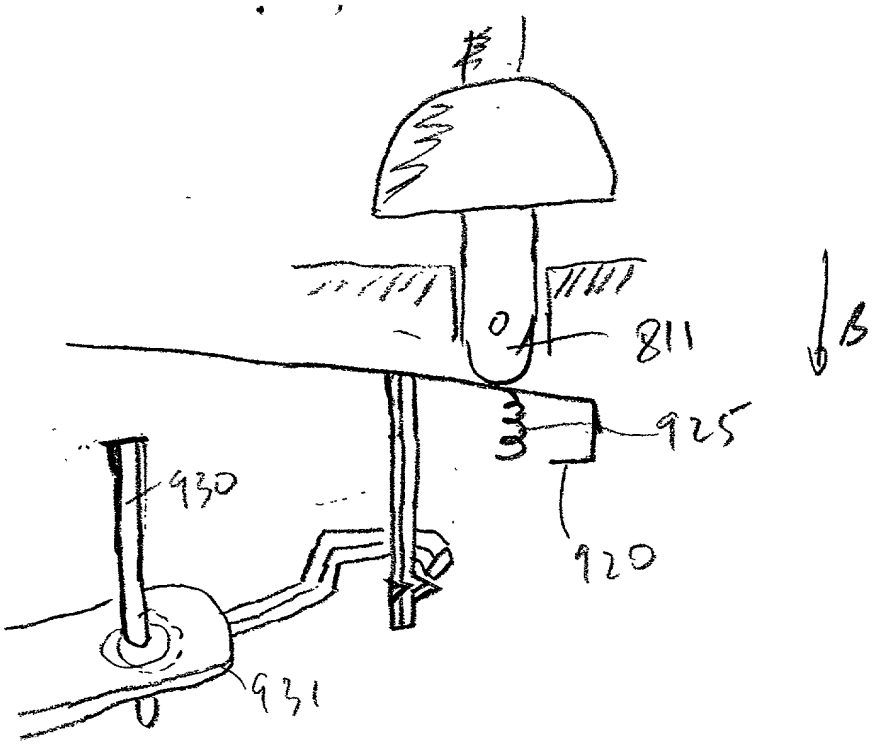


Fig. 40

FIG. 41